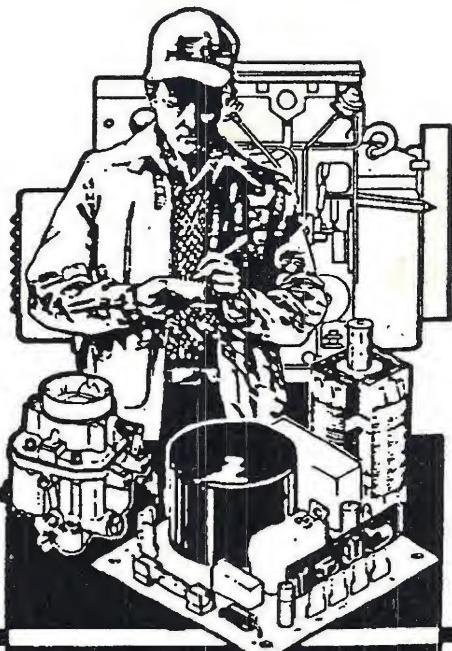

Onan

Parts Manual

CCK

GenSet



RV Electric Generating Set

927-0220

4-89 (SPEC A-U)
Replaces 8-81 (SPEC A-U)
Printed in U.S.A.

Onan Service Parts

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Introduction

This catalog applies to the standard Recreational Vehicle Generator Sets as listed below. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the Model and Spec No. from the nameplate, select the Parts Key No. (1,2, etc. in the last column) that applies to your set Model and Spec No. This Parts Key No. represents parts that differ between models. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left sides are determined by facing the blower end (front) of the engine.

Generator Set Data Table

MODEL AND SPEC #	TYPE	ELECTRICAL DATA					PARTS KEY NO.
		WATTS	VOLTS	HERTZ	WIRE	PHASE	
3.5CCK-53CR/*	Remote	3500	120/240	50	4**	1	1
4.0CCK-1R/*	Remote	4000	120	60	2	1	
4.0CCK-3R/*	Remote	4000	120/240	60	3	1	
4.0CCK-3CR/*	Remote	4000	120/240	60	4**	1	1
5.0CCK-1R/*	Remote	5000	120	60	2	1	
5.0CCK-3R/*	Remote	5000	120/240	60	3	1	
5.0CCK-3CR/*	Remote	5000	120/240	60	4**	1	2

* - The Specification Letter advances (A to B, B to C, etc.) with manufacturing changes.

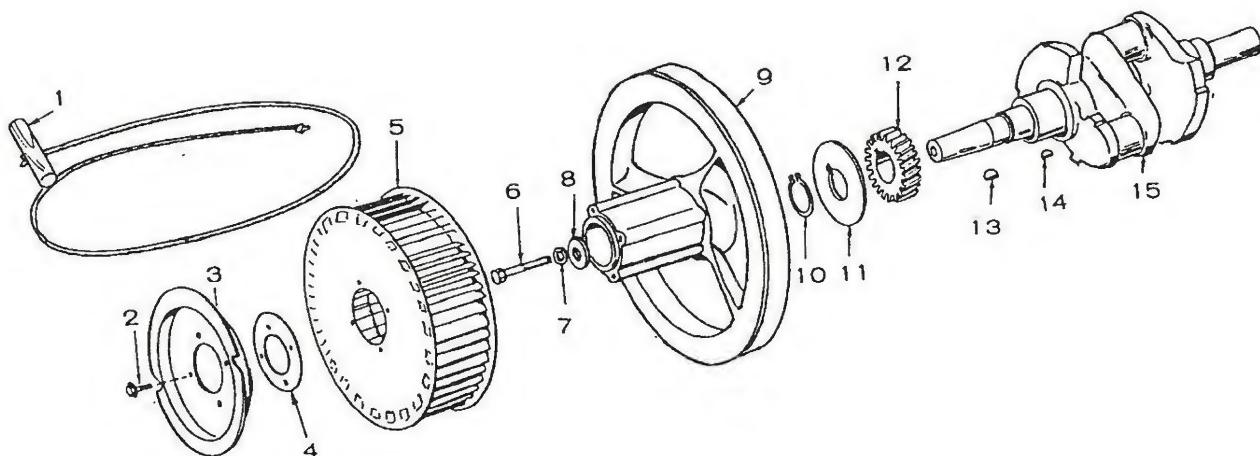
** - Set is reconnectible for 120 volt, 2 wire; 240 volt, 2 wire or 120/240 volt, 3 wire service.

NOTE: The letter R in MODEL and SPEC denotes electric start with start-stop at both the set and the remote control.

NOTICE!

Items referenced as OPTIONAL indicate part is factory installed and may not be applicable to all models. For field conversions additional parts are usually required.

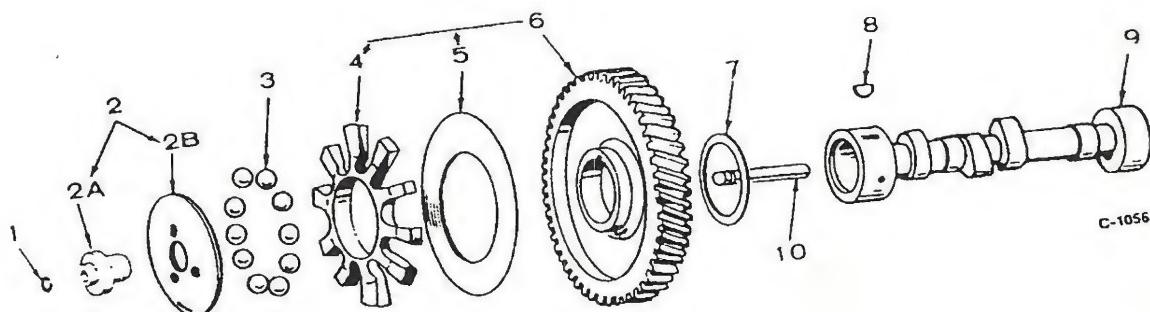
Crankshaft and Flywheel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	192-0083	1	Rope, Manual Starting	9	104-0499	1	Flywheel
2	821-0018	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8") Used with Rope Sheave	10	518-0014	1	Lock, Crankshaft Gear Washer
	821-0010	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2") Used when no Rope Sheave	11	104-0043	1	Washer, Crankshaft Gear Retainer
3	192-0272	1	Sheave, Rope (Early Models)	12	104-0032	1	Gear, Crankshaft
4	134-0911	1	Plate, Blower Wheel - Spec A through M	13	515-0227	1	Kit, Key
5	134-0565	1	Wheel, Blower	14	515-0001	1	*Key, Woodruff
6	104-0170	1	Screw, Wheel Mounting (Special)	15			Crankshaft (Includes Parts Marked *)
7	850-0055	1	Washer, Lock (7/16")	104-1323		1	Spec A Through T
8	526-0017	1	Washer, Flat (15/32" ID x 1-1/4" OD x 1/4" Thk)	104-1323		1	Spec U Sets Prior to Serial #H760159789
				104-1346		1	Spec U Sets Begin Serial #H760159789

* - Parts Included in 104-1346, 104-1313 Crankshaft Kits.

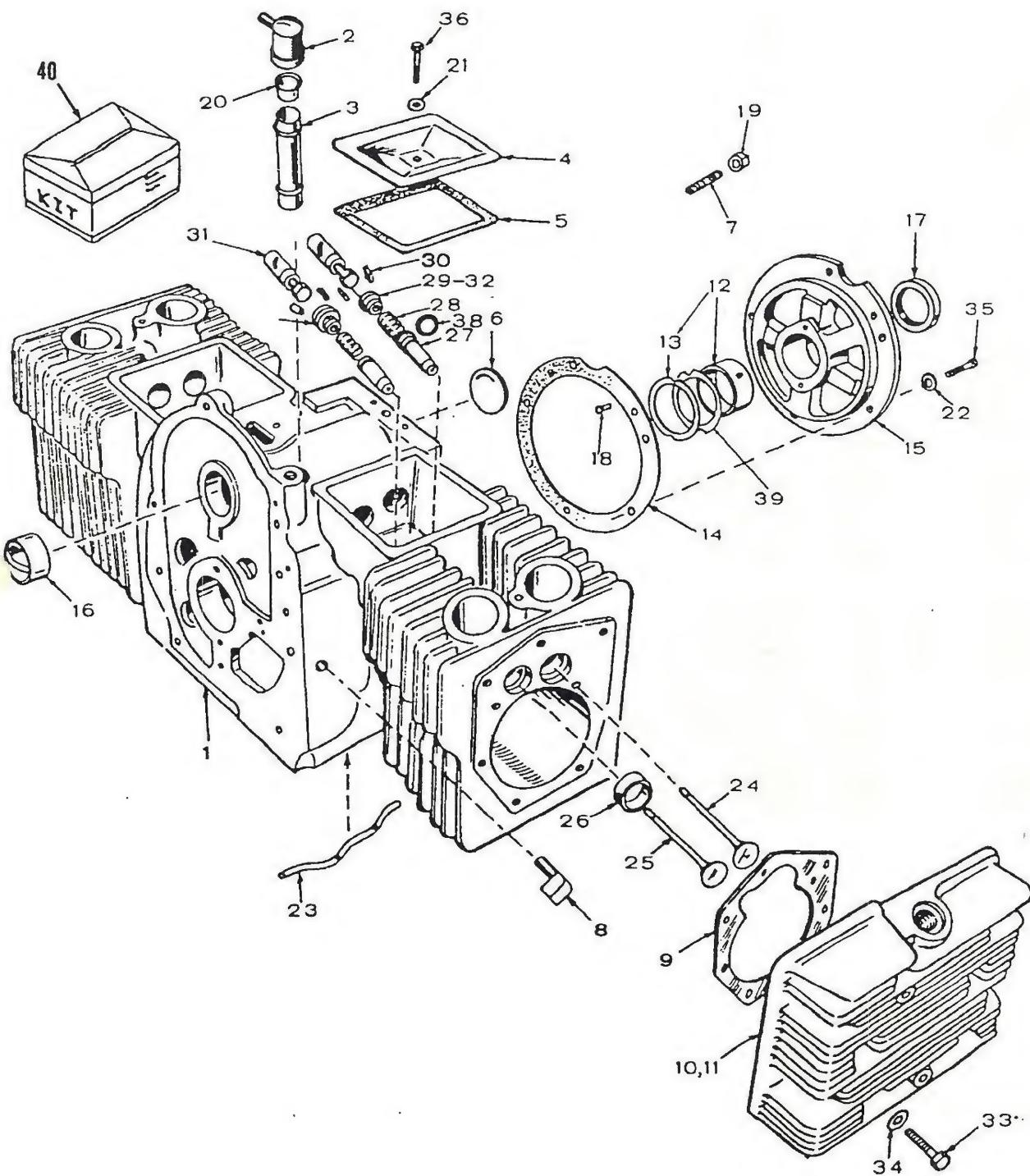
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining	6	105-0332	1	Gear, Camshaft (Includes Spacer and Plate)
2	150-1695	1	Kit, Governor Cup (Includes Parts Marked *)	7	105-0541	1	Washer, Thrust
2A	150-1519	1	*Hub, Governor Cup	8	515-0001	1	Key, Camshaft Gear Mounting
2B	150-1520	1	*Cup, Governor	9	105-0140	1	Camshaft - Key 1 and 2 (Includes Center Pin)
3	510-0015	10	Ball, Governor	10	150-0075	1	Pin, Camshaft Center
4	150-1257	1	Spacer, Governor Flyball				
5	150-0077	1	Plate, Governor Flyball				

* - Parts Included in 150-1695 Governor Cup Kit.

Cylinder Block

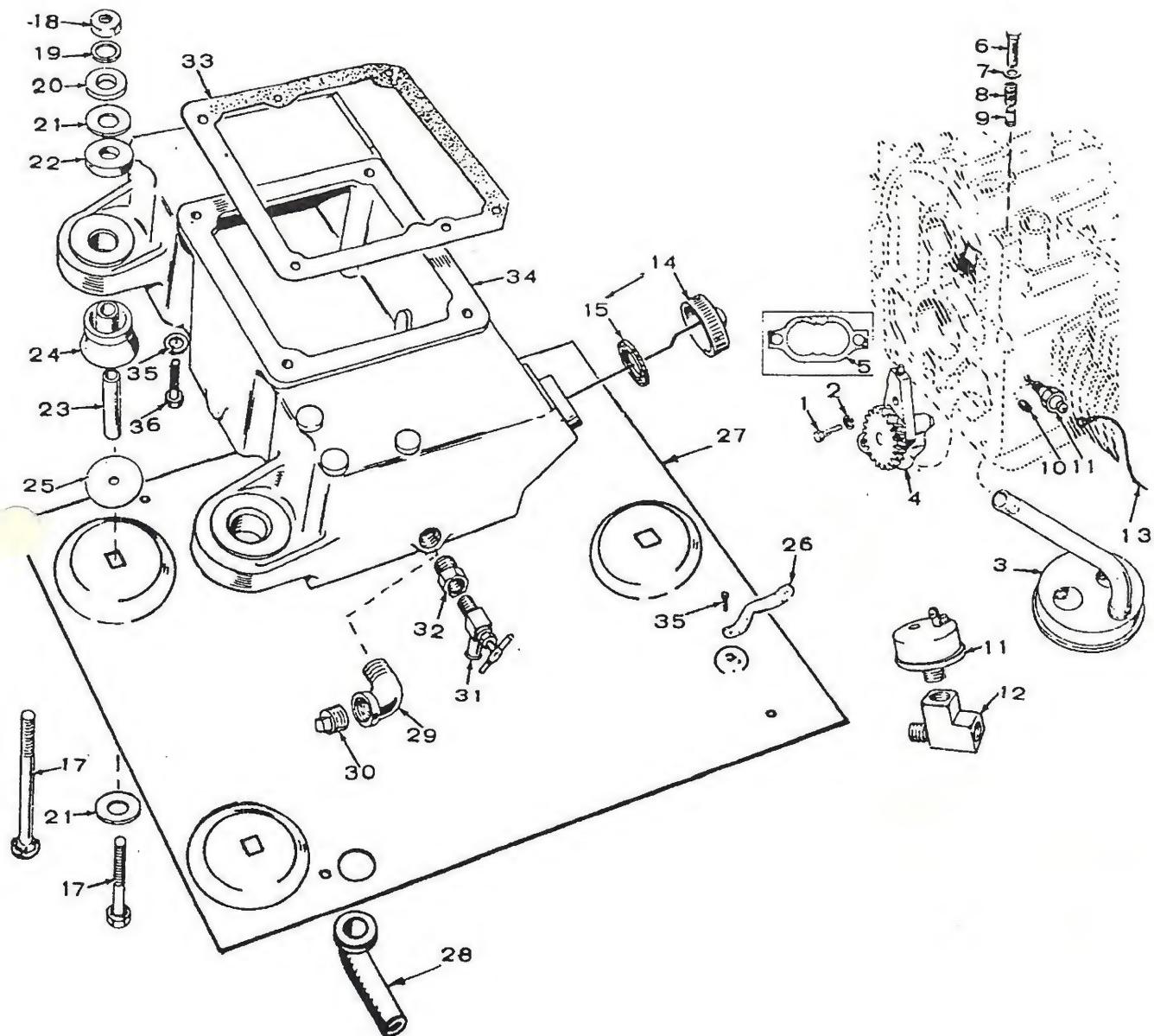


Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-0915	1	Block Assembly, Cylinder (Includes Parts Marked *)	26			*Insert, Exhaust Valve Seat - Chrome Cobalt Alloy
2		1	Cap, Breather (See Air Cleaner Group)	110-0872	2	Standard	.002" Oversize
3	123-0129	1	Tube, Breather (Includes Steel Baffles)	110-0872-05	2	.005" Oversize	.010" Oversize
4	110-0666	2	Cover, Valve Compartment	110-0872-10	2	.025" Oversize	
5	110-0667	2	Gasket, Valve Cover	110-0872-25	2		*Guide, Valve
6	517-0048	1	*Plug, Camshaft Expansion	27	110-0902	4	Spring, Valve
7	520-0114	5	*Stud, Rear Bearing Plate Mounting	28	110-0539	4	Washer, Valve Spring Retainer - Intake - Prior to Serial #355651, During Spec R
8	502-0020	1	Elbow, Street - Oil Line	29	110-0893	2	Lock, Valve and Spring Retainer
9	110-0892	2	Gasket, Cylinder Head	30	110-0639	8	Tappet, Valve
10	110-0890	1	Head, Cylinder - Right - #2 Cylinder	31	115-0006	4	Standard
11	110-0891	1	Head, Cylinder - Left - #1 Cylinder	31	115-0006-05	4	.005" Oversize
12			*Bearing, Crankshaft (Front or Rear)	32	110-0904	2	Rotocap
	101-0450	2	* Standard	32	110-0904	2	Exhaust Valve
	101-0450-02	2	.002" Undersize	33			Intake Valve - Begin Serial #355651, During Spec R
	101-0450-10	2	.010" Undersize				Screw, Cap - Hex Head (Hardened)
	101-0450-20	2	.020" Undersize		110-0879	8	Cylinder Head - Special
	101-0450-30	2	.030" Undersize		114-0022	10	Cylinder Head - Special
13	104-0575	2	*Washer, Crankshaft Bearing Thrust	34	526-0122	18	Washer, Flat (11/32" ID x 23/32" OD x 0.1345" Thk)
14	101-0115	1	Gasket Kit, Bearing Plate (Kit #168-0103)	35	800-0512	5	*Screw, Cap - Hex Head - Special, Begin Spec R (Grade 8)
15	101-0316	1	*Plate, Bearing (Excludes Bearing)	36	800-0012	2	Screw, Cap - Hex Head (1/4-20 x 2-1/4")
16	101-0367	2	*Bearing, Camshaft Front or Rear (Precision) Note: Units with Hi-Lift Cam Use 101-4056)	38	110-3136	2	*Gasket, Intake Valve Guide (To stop oil seepage)
17	509-0041	1	Seal, Bearing Plate	39	104-0776	1	Shim, Crankshaft Thrust Bearing
18	516-0072	4	*Pin, Main Bearing Stop	40	123-1600	1	Kit, Breather King (Optional) (Includes Breather Hose)
19	110-0445	5	*Nut, Bearing Plate Stud				Insulation, Breather Insu- lator, Governor Control Rod, Cable Ties and Instruction Sheet)
20	123-0104	1	Valve, Breather Tube				
21	526-0063	2	Washer, Flat - Copper (17/64 ID x 17/16 OD x 1/32" Thk)				
22	850-0045	5	*Washer, Lock (5/16") - Rear Bearing Plate				
23	120-0386	1	*Tube, Crankcase Oil				
24	110-0881	2	Valve, Intake (Steel)				
25	110-0880	2	Valve, Exhaust - Chrome Cobalt Alloy				

* - Parts Included in 110-0915 Block Assembly.

Oil System and Mounting Plate

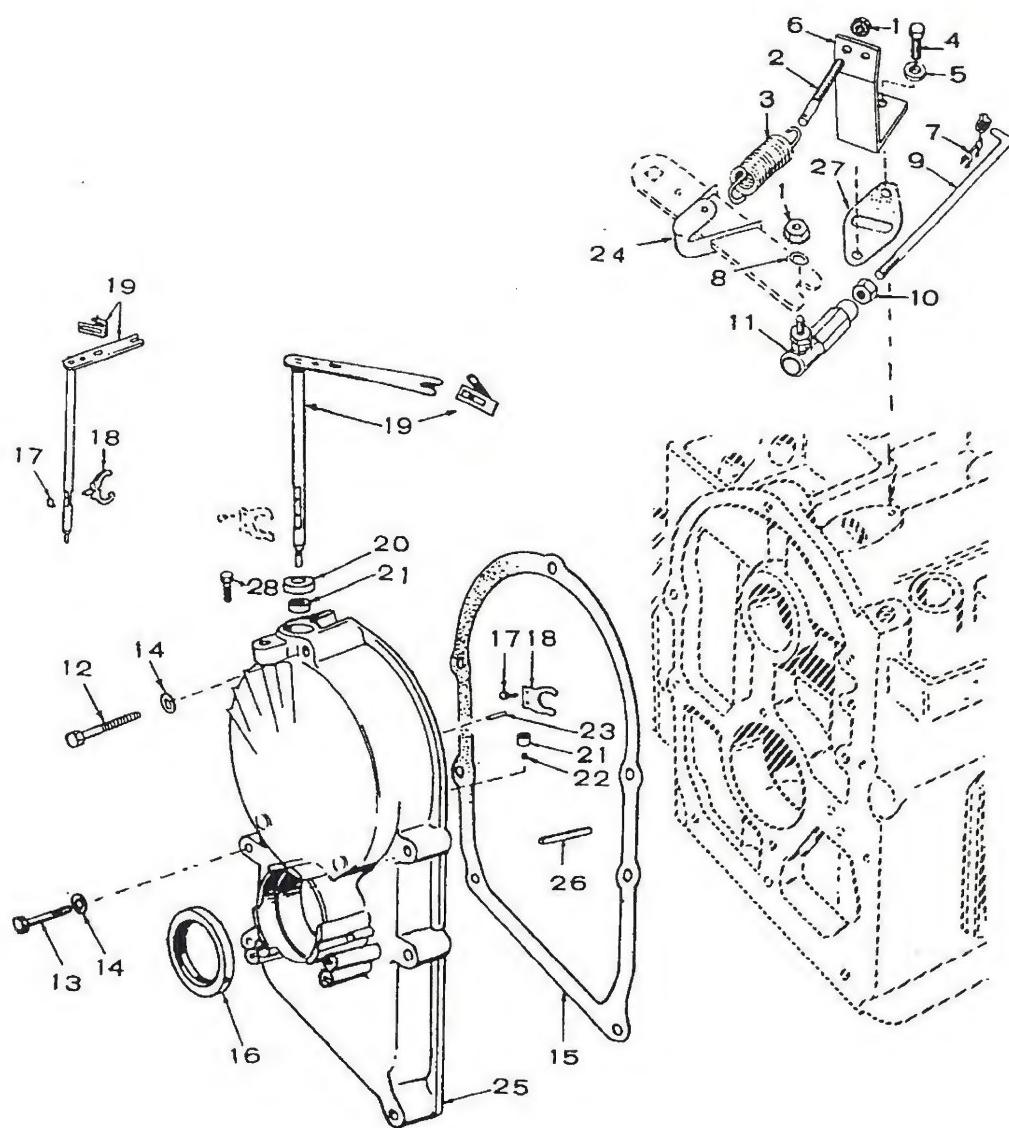


Oil System and Mounting Plate

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")	24	402-0283	2	Cushion, Vibration Engine End
2	850-0040	2	Washer, Lock - Spring (1/4")				Generator End
3	120-0400	1	Cup, Oil Pump Intake	402-0284	1	*	Begin Spec U
4	120-0491	1	Pump, Oil (Internal Parts Not Sold Separately)	402-0283	2	\$	Serial #355652 During Spec R through Spec T
5	120-0161	1	Gasket Kit - Oil Pump	402-0284	2	†	Spec A through Serial #355651 During Spec R
6	801-0048	1	Screw, Cap - Hex Head (3/8-24 x 3/4")	25	526-0195	4	#Washer, Flat (29/64" ID x 3-1/4" OD x 1/8" Thk) - Specs A through T
7	526-0066	1	Washer, Flat - Copper (25/64" ID x 9/16" OD x 1/16" Thk)	26	337-0122	1	Strap, Ground
8	120-0140	1	Spring, Oil Bypass Valve	27	403-1258	1	Plate, Mounting
9	120-0398	1	Valve, Oil Bypass	403-0986	1	Begin Spec U	
10	505-0057	1	Plug, Pipe - 1/8 NPT	403-0933	1	Specs R through T - Optional Specs A through Q - Optional	
11			Switch, Low Oil Pressure - Optional	28	122-0345	1	Hose, Oil Drain - Optional
			Used Prior to Serial #355651 During Spec R	29	505-0050	1	Elbow, Pipe - Street - Spec A through Serial #355651 during Spec R
12	502-0058	1	Tee, Pipe - 1/8 NPT - Optional Lead, Electrical - Optional (Used with LOPKO Switch)	30	505-0056	1	Plug, Pipe - Spec A through Serial #355651 during Spec R
13	336-2139	1	Spec A Through T	31	504-0092	1	Valve, Oil Drain - Begin Serial #355652 during Spec R
	336-2379	1	Begin Spec U	32	505-0019	1	Bushing, Pipe - Begin Serial #355652 during Spec R
14	123-0489	1	Cap and Indicator, Oil Fill	33	102-0158	1	Gasket, Oil Base
15	123-0191	1	Gasket, Oil Fill Cap	34	102-0579	1	Base, Oil
17			Bolt, Carriage (7/16-14 x 3-1/2")	35	850-0050	4	Washer, Lock - Spring (3/8")
	816-0206	3	*	36	102-0455	4	Screw, Cap - Hex Head - Specia
	816-0206	4	† Specs A through T - Optional				Mounting Cushion Package
17A	800-0082	4	# Screw, Cap - Hex Head (7/16-14 x 3-3/4")	402-0435	1		Begin Spec U (Includes Parts Marked *)
			Specs A through T	402-0373	1		Serial #355652 During Spec R through Spec T with Mounting Plate - Optional (Includes Parts Marked †)
18	862-0004	3	*				Spec A through Serial #355651 During Spec R with Mounting Plate - Optional (Includes Parts Marked §)
	862-0004	4	† Specs A through T	402-0372	1		Hardware Package, Mounting Spec A through T - Excludes Cushions (Includes Parts Marked #)
19	850-0055	3	*				
	850-0055	4	† Specs A through T	402-0364	1		
20	526-0014	3	*				
	526-0014	4	† Specs A through T				
21	526-0198	6	*				
	526-0198	8	# Specs A through T				* - Parts Included in 402-0435 Mounting Cushion Package.
22	402-0282	3	*				§ - Parts Included in 402-0372 Mounting Cushion Package.
	402-0282	4	† Specs A through T				† - Parts Included in 402-0373 Mounting Cushion Package.
23	402-0290	3	*				# - Parts Included in 402-0364 Mounting Cushion Package.
	402-0290	4	† Specs A through T				

* - Parts Included in 402-0435 Mounting Cushion Package.
 § - Parts Included in 402-0372 Mounting Cushion Package.
 † - Parts Included in 402-0373 Mounting Cushion Package.
 # - Parts Included in 402-0364 Mounting Cushion Package.

Gearcase and Governor



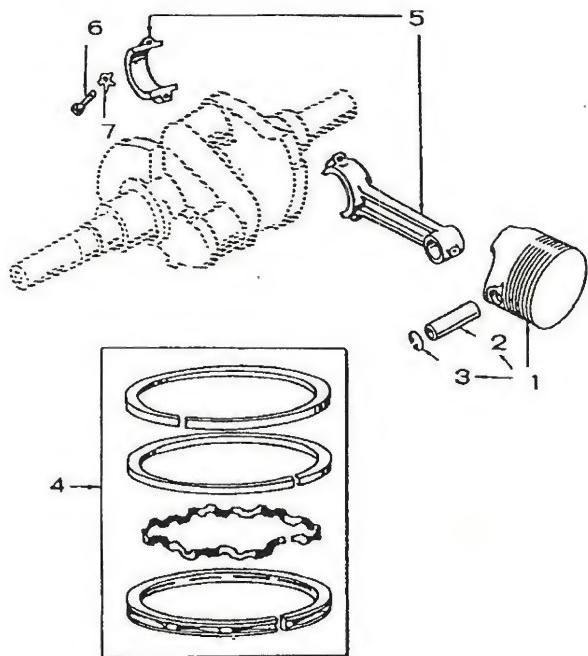
Gearcase and Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0131	2	Nut, Self-Locking, Hex (1/4-20)	19			Shaft and Arm Assembly, Governor (Includes Adjusting Clip)
2	150-0096	1	Stud, Governor Speed Adjusting	150-0710		1	* Spec A through M
3	150-0098	1	Spring - Governor	150-1286		1	* Spec N through T
4	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	150-1564		1	* Begin Spec U
5	526-0063	2	Washer, Flat - Copper (17/64" ID x 7/16" OD x 1/32" Thk)	20	509-0008	1	*Seal, Oil - Governor Shaft Bearing, Needle
6	150-1577	1	Bracket, Governor	510-0013		1	* Upper - Governor Shaft
7	518-0006	1	Clip, Retaining - Rod End	510-0008		1	* Lower - Spec A through T
8	526-0196	1	Washer, Flat - Aluminum (7/32" ID x 7/16" OD x 1/8" Thk)	22	510-0014	1	* Lower - Begin Spec U
9	150-0629	1	Rod, Link - Governor Arm to Carburetor	23	516-0130	1	*Bearing, Ball
10	870-0053	1	Nut, Hex (#10-32)	24	150-0678	1	*Pin, Straight, Headless
11	150-0639	1	Ball, Joint	25		1	*Clip, Adjusting - Governor Gearcase Assembly (Includes Parts Marked *)
12	800-0034	1	Screw, Cap - Hex Head (5/16-18 x 2-1/4")	103-0641		1	§ Spec A through M
13	800-0032	4	Screw, Cap - Hex Head (5/16-18 x 1-3/4")	103-0357		1	§ Spec N through T
14	850-0045	5	Washer, Lock - Spring (5/16")	103-0667		1	§ Begin Spec U
15	103-0011	1	Gasket, Gearcase	26	516-0141	2	Pin, Straight, Headless - Governor Alignment
16	509-0040	1	*Seal, Oil - Crankshaft, Front Yoke Fasteners	27	149-0003	1	Gasket - Fuel Pump Hole Cover
17	518-0129	1	* Ring, Retaining - Spec A through M	28	815-0261	1	*Screw, Self Tapping - Hex Head (1/4-20 x 1/2" Lg)
	815-0046	2	* Screw, Machine - Pan Head, Cross-Recessed (#8-32 x 3/8") Begin Spec N				
18	150-0620	1	Yoke, Governor Shaft				
	150-1187	1	* Spec A through M				
		1	* Begin Spec N				

* - Included in Gearcase Assembly, as applicable
to respective Spec usage.

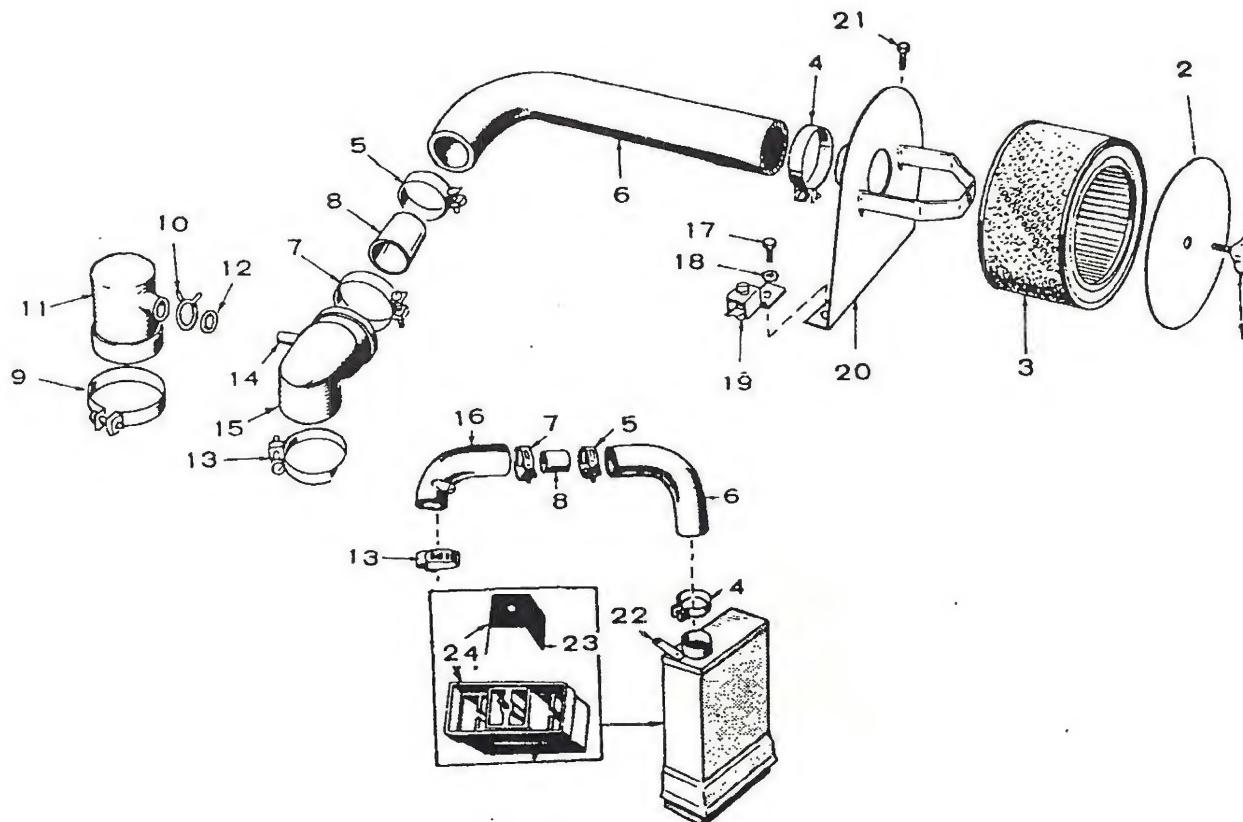
§ - Furnish Model, Specification and Serial Numbers
from Onan Nameplate when ordering these parts.

Piston and Rod



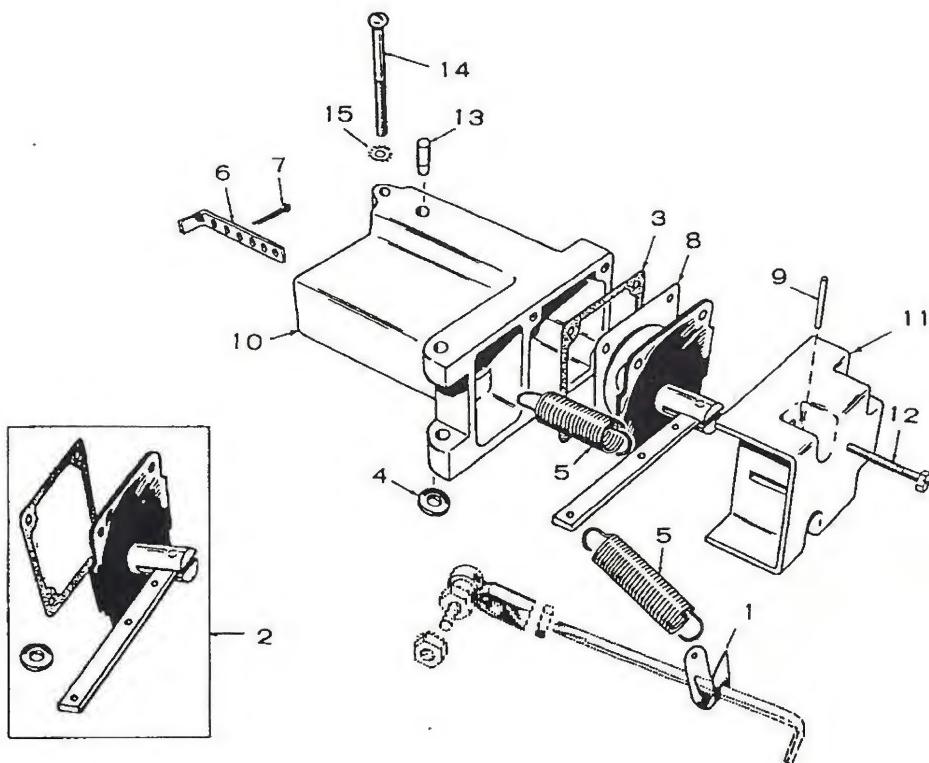
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION	
1			Piston (Includes Pin and Retaining Rings)	5			Rod, Connecting (Includes Screw and Lock)	
	112-0179	2	Standard		114-0098	2	Standard	
	112-0179-05	2	.005" Oversize		114-0098-10	2	.010" Undersize	
	112-0179-10	2	.010" Oversize		114-0098-20	2	.020" Undersize	
	112-0179-20	2	.020" Oversize		114-0098-30	2	.030" Undersize	
	112-0179-30	2	.030" Oversize	6	800-0548	4	Screw, Connecting Rod Cap - Special	
	112-0179-40	2	.040" Oversize		7	114-0059	4	Washer, Connecting Rod - Cap Screw Lock
2	112-0069	2	Pin, Piston					
3	112-0003	4	Ring, Retaining					
4			Ring Set, Piston					
	113-0152	2	Standard					
	113-0152-05	2	.005" Oversize					
	113-0152-10	2	.010" Oversize					
	113-0152-20	2	.020" Oversize					
	113-0152-30	2	.030" Oversize					
	113-0152-40	2	.040" Oversize					

Air Cleaner



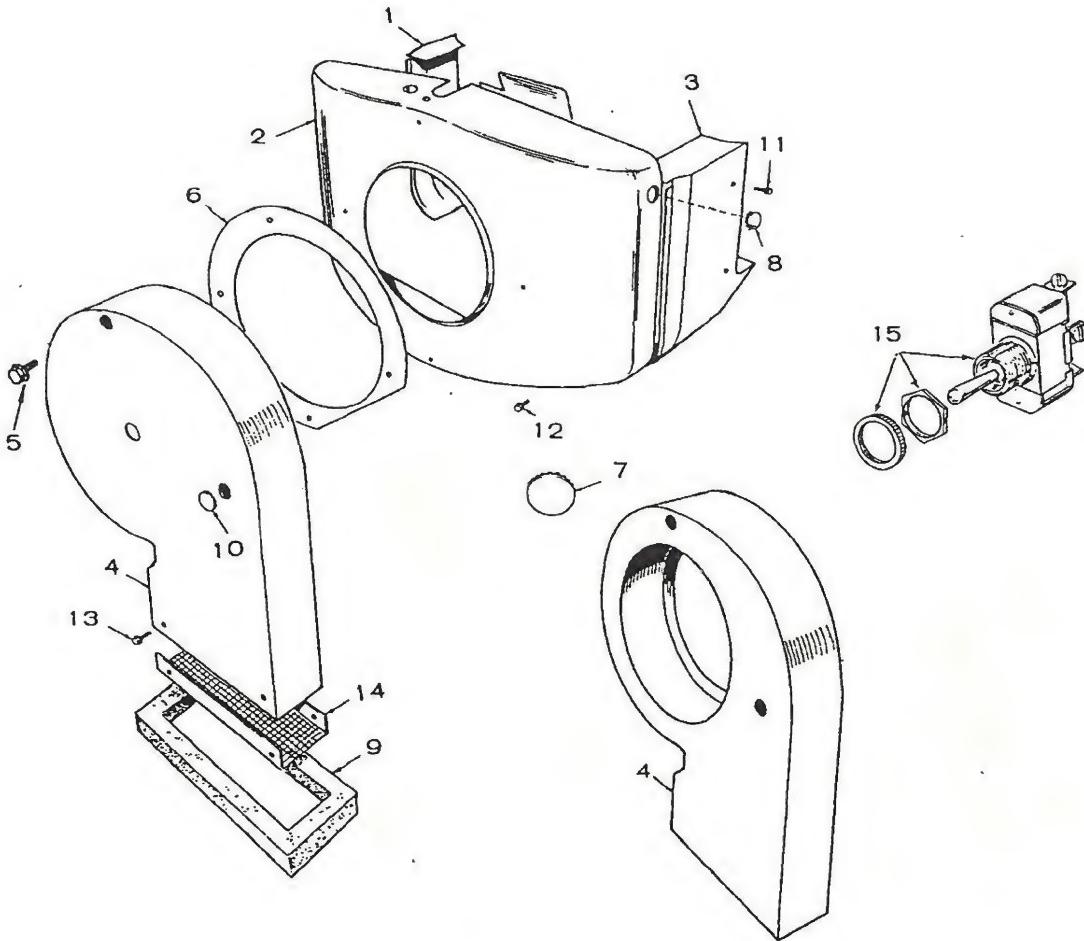
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	518-0056	1	Screw, Wing - Air Cleaner - Begin Spec R	13	503-0107	1	Clamp, Hose 1-5/8" - Begin Spec R
2	140-1153	1	Cover, Air Cleaner - Begin Spec R		503-0280	1	1-3/4" - Spec A through Q
3	140-0495	1	Cartridge, Air Cleaner - Begin Spec R	14	123-0292	1	Adapter, Tube - Breather Hose
4			Clamp, Hose	15	145-0094	1	Adapter, Inlet - Carburetor Air - Begin Spec R
	503-0311	1	2-1/8" - Begin Spec R	16	140-0693	1	Adapter, Inlet - Carburetor Air - Spec A through Q
	503-0280	1	1-3/4" - Spec A through Q	17	821-0010	1	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")
5			Clamp, Hose	18	856-0006	1	Washer, Lock - External/ Internal Tooth (1/4")
	503-0004	1	1-7/8" - Begin Spec R	19	332-0142	1	Terminal, Lug - Ground
	503-0280	1	1-3/4" - Spec A through Q	20	140-1173	1	Bracket, Air Cleaner - Begin Spec R
6			Hose, Reformed - Air Cleaner				
	503-0643	1	Begin Spec R				
	503-0480	1	Spec A through Q				
7	503-0280	1	Clamp, Hose (1-3/4")	21	821-0009	1	Screw, Self-Locking - Hex Washer Head (1/4-20 x 3/8")
8	140-0211	1	Sleeve, Air Cleaner Hose				
9	503-0107	1	Clamp, Hose (1-5/8")	22	140-0692	1	Cleaner, Air - Spec A through Q (Includes Screen and Cap)
10	503-0769	1	Clamp, Hose (21/32")				
11	123-0293	1	Cap, Breather (Premolded Rubber)	23	140-0068	1	Screen, Air Cleaner - Spec A through Q
12	851-0009	1	Washer, Lock - Internal Tooth (3/8")	24	140-0403	1	Cup Assembly, Air Cleaner - Spec A through Q (Includes Screen)

Vacuum Speed Booster - Key 1,2



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
150-0433	1	Kit, Vacuum Speed Booster Replacement (Includes External Spring and Mounting Gasket)		8	150-0666	1	Plate, Diaphragm
1	150-0430	1	Bracket, Spring to Governor Link	9	516-0085	1	Pin (3/32 x 3/4") - Diaphragm Lever Pivot
2	150-0434	1	Kit, Diaphragm Replacement (Includes Gaskets)	10		1	Housing, Vacuum Booster (Not Sold Separately)
3	150-0668	1	Gasket, Diaphragm Plate	11		1	Cover, Vacuum Booster Housing (Not Sold Separately)
4	150-0425	1	Gasket, Booster to Manifold	12	815-0148	4	Screw, Machine - Hex Head, Slotted (#8-32 x 7/8")
5	150-0366	2	Spring, Internal and External	13	150-1352	1	Pin, Vent
6	150-0376	1	Bracket, Internal Spring Adjustment	14	813-0110	2	Screw, Machine - Round Head (#10-32 x 2")
6-0039	1	Pin, Cotter (3/32 x 5/8") - Adjustment Bracket		15	853-0008	2	Washer, Lock - External Tooth (#10)

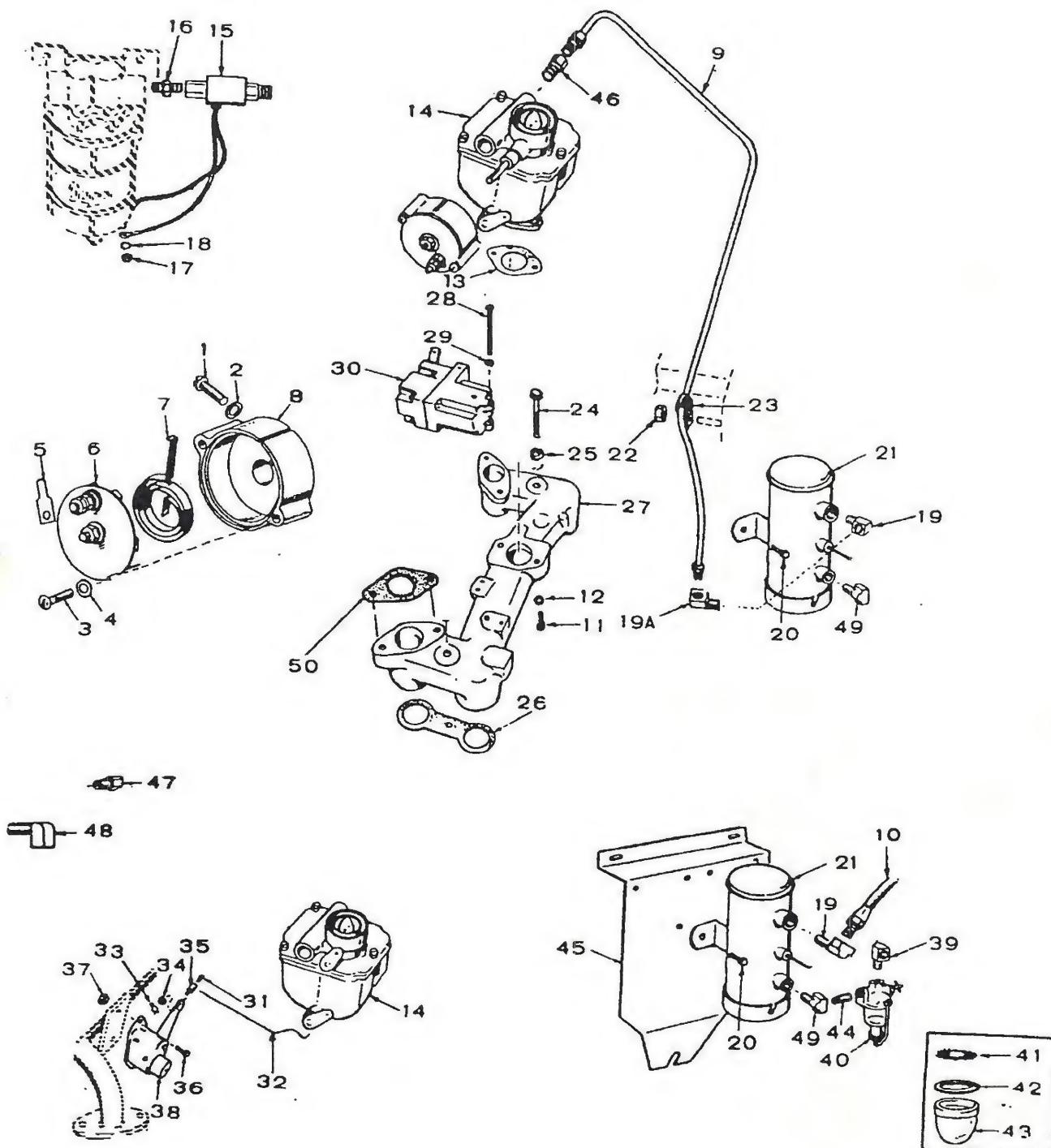
**Air Housing
(Vacu-Flo Cooling)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-0589	1	Housing, Cylinder Air - Left (#1 Cylinder)	6	134-0761	1	Spacer, Scroll Mounting - Closed Type
2	134-1572	1	Housing, Blower	7	517-0009	1	Plug, Dot Button (2") - Spec A through M
	134-2102	1	Spec A through M	8	517-0035	1	Plug, Dot Button (1-1/16")
3	134-1591	1	Begin Spec N - Without Spin-on Oil Filter	9	134-2112	1	Seal, Blower Scroll - Begin Spec P
	134-2237	1	Housing, Cylinder Air - Right (#2 Cylinder)	10	517-0021	2	Plug, Dot Button (7/8") - Air Scroll
4	134-3041	1	Sets Without Spin-on Oil Filter	11	815-0261	5	Screw, Tapping - Hex Washer Head (1/4-20 x 7/16")
	134-3050	1	Sets With Spin-on Oil Filter	12	821-0010	2	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")
	134-3042	1	Scroll, Air (Includes Parts Marked *)	13	815-0421	4	*Screw, Tapping - Hex Head with External Tooth Lock-washer (#10-16 x 1/2")
	134-3032	1	Spec A through N - With Rope Sheave Opening	14	134-2956	1	*Guard, Scroll Outlet Switch, Stop - Unit with Rope Sheave Only
5	821-0009	4	Spec A through N - Without Rope Sheave Opening	15	308-0097	1	*Guard, Scroll Outlet Switch, Stop - Unit with Rope Sheave Only

* - Parts Included in Air Scroll Assembly 134-3032, 134-3041, 134-3042, and 134-3050.

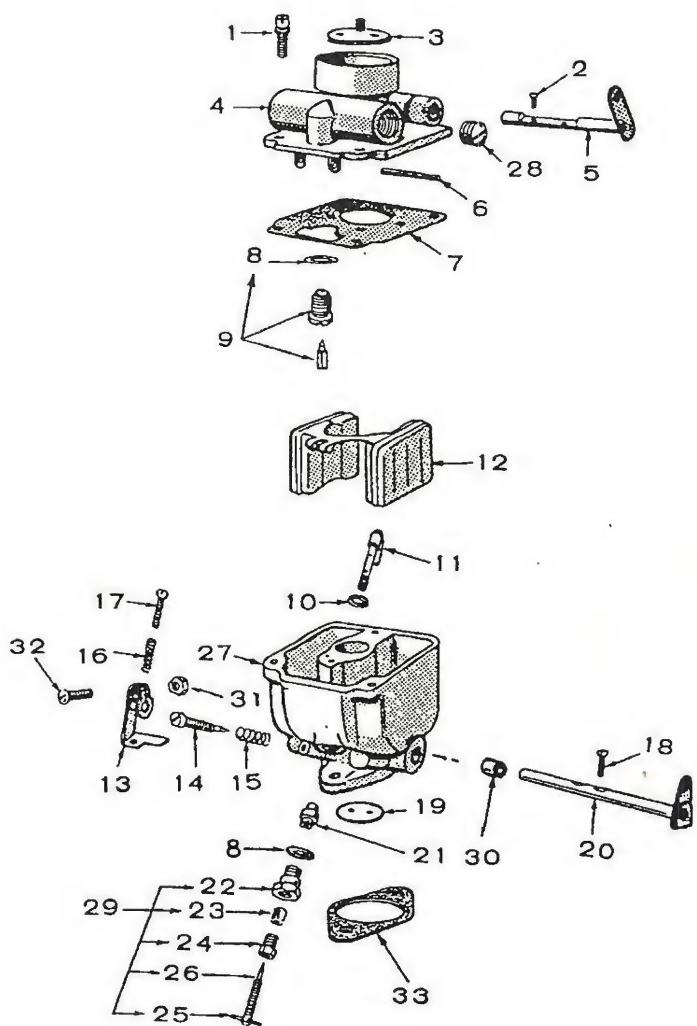
Fuel System



Fuel System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0110	1	Screw, Machine - Fillister Head (#10-32 x 7/8") - Begin Spec U	27	154-0356	1	Manifold, Intake Key 1, Begin Spec U (Without Vacuum Booster)
2	850-0030	1	Washer, Lock - Spring (#10) - Begin Spec U	154-0383	1	Key 1, Specs A through U (With Vacuum Booster)	
3	815-0285	2	Screw, Machine - Round Head (#8-32 x 5/16" Lg)	154-0383	1	Key 2 (With Vacuum Booster)	
4	526-0062	2	Washer, Flat - Brass (0.2" ID x 1/2" OD x 1/16" Thk) - Begin Spec U	28	813-0110	2	Screw, Machine - Round Head (#10-32 x 2") - Key 1, Specs A through T and all Key 2
5	332-0527	1	Terminal, Spade - Begin Spec U	29	853-0008	2	Washer, Lock - ET (#10) - Key 1, Specs A through T and all Key 2
6	153-0114	1	Element and Cover - Begin Spec U	30	150-0433	1	Booster, Vacuum - Speed - Key 1, Specs A through T and all Key 2 (Includes External Spring and Mounting Gasket)
7		1	Bi-Metal, Choke - Begin Spec U	31	815-0104	1	Screw, Machine - Fillister Head (#8-32 x 5/16") - Specs A through T
8	153-0058	1	Housing, Choke - Begin Spec U	32	153-0361	1	Linkage, Choke - Specs A through T
9			Line, Fuel Pump to Carburetor (Metal)	33	516-0059	1	Clip, Cotter - Specs A through T
10			Begin Serial #1770265208 During Spec U	34	526-0006	1	Washer, Flat (15/64" ID x 1/2" OD x 3/64" Thk) - Specs A through T
	501-0197	1	Spec N through T	35	152-0155	1	Swivel, Choke Linkage - Specs A through T
	501-0007	1	Spec A through M	36	815-0315	2	Screw, Cap - Hex Head (1/4-20 x 1-1/2") - Specs A through T
11	800-0009	2	Screw, Cap - Hex Head (1/4-20 x 1-1/2")	37	860-0013	2	Nut, Hex (1/4-20) Specs A through T
12	850-0040	2	Washer, Lock - Spring (1/4")	38	153-0223	1	Choke, Sisson - Spec A through T
13	141-0078	1	Gasket, Carburetor	39	502-0002	1	Elbow, Inverted Male - Specs A through Q
14			Carburetor, Gasoline (Includes Mounting Gasket) - See Separate Group for Components	40	149-0079	1	Filter, Fuel (Complete) - Specs A through Q
	142-0646	1	Begin Spec U (Electric Choke)	41	149-0202	1	Screen, Fuel Filter - Specs A through Q
	142-0645	1	Specs A through T (Sisson Choke)	42	149-0149	1	Gasket, Fuel Filter - Specs A through Q
15	307-1279	1	Valve, Solenoid - Electric - Spec A through Serial #177026520T During Spec U	43	149-0150	1	Bowl, Fuel Filter - Specs A through Q
16	502-0082	1	Nipple, Pipe - Hex - Serial #0575948597 During Spec R through Serial #177026520T During Spec U	44	502-0082	1	Nipple, Pipe - Specs A through Q
17	860-0008	1	Nut, Hex (#8-32) Serial #0575948597 During Spec R through Serial #177026520T During Spec U	45	160-1109	1	Bracket, Fuel Pump Mounting Specs N through Q
18	850-0025	1	Washer, Lock - Spring (#8) - Serial #0575948597 During Spec R through Serial #177026520T During Spec U	46	160-0763	1	Specs A through M
19			Begin Spec N	47	502-0003	1	Connector, Inverted Male - Begin Spec U
	502-0002	1	Spec A through M	48	502-0002	1	Elbow, Inverted Male - 45° - Carburetor Inlet - Serial #355651 During Spec R through Spec T
	502-0020	1	Elbow, Fuel Pump Outlet - Begin Spec #1770265208 During Spec U	49	502-0002	1	Elbow, Inverted Male - 90° - Carburetor Inlet - Spec A through Serial #355650 During Spec R
19A	502-0196	1	Elbow, Fuel Pump Outlet - Begin Serial #1770265208 During Spec U	50	502-0020	1	Elbow, Fuel Pump Inlet Inverted Male (90°) - Begin Serial #1770265208 During Spec U
20	821-0009	2	Screw, Cap - Hex Head Locking (1/4-20 x 5/8")	50	154-0360	2	Street (90°) - Spec A through Serial #0575948596 During Spec R
21	149-1830	1	Pump, Fuel - Electric				Gasket, Exhaust Manifold Mounting
22	862-0015	1	Nut, Hex (5/16-18) - Begin Spec U				
23	518-0350	1	Clamp, Lock - Insulated - Begin Spec U				
24	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2")				
25	850-0050	2	Washer, Lock - Spring (3/8")				
26	154-0013	2	Gasket, Intake Manifold				

Carburetor Parts



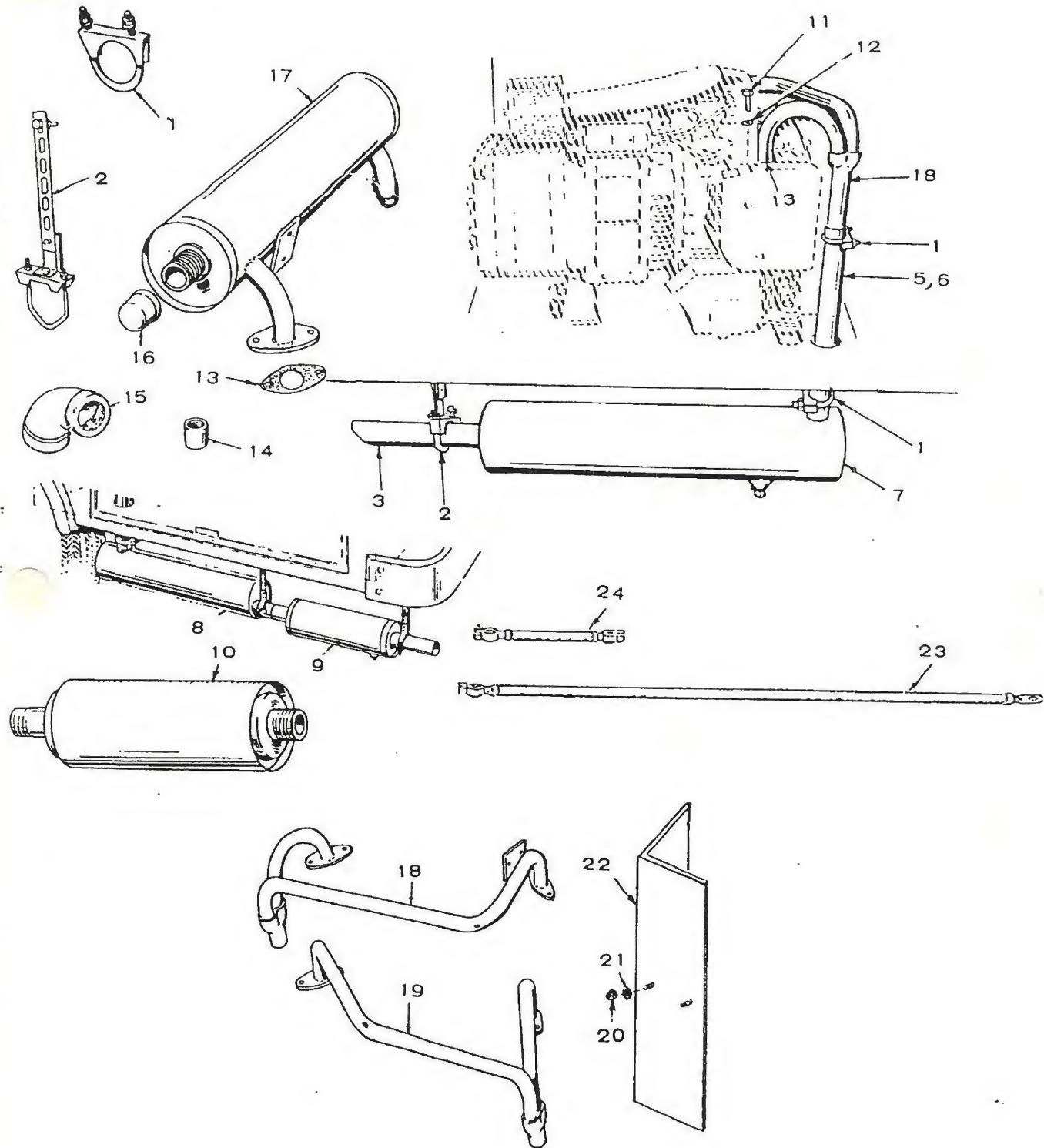
Carburetor Parts

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	142-0646	1	Carburetor, Gasoline Begin Spec U (Electric Choke)	14	142-0040	1	**Needle, Idle Adjusting
	142-0645	1	Specs A through T (Sisson Choke)	15	142-0282	1	Spring, Idle Needle Adjusting
	142-0033	1	** Gasket Kit, Carburetor (Includes Parts Marked *)	16	142-0035	1	Spring, Throttle Stop Adjusting Screw
	142-0371	1	Repair Kit, Carburetor (Includes Parts Marked **)	17	812-0063	1	Screw, Machine - Round Head (#6-32 x 1/2")
1			Screw, Machine - Fillister Head	18	815-0072	2	**Screw, Machine - Oval Head (#4-40 x 1/4")
	815-0103	1	#10-24 x 1/2" - Units with Sisson Choke	19	142-0369	1	Fly, Throttle
2	815-0109	2	#10-24 x 5/8"	20	142-0368	1	Shaft Assembly, Throttle
	815-0091	2	**Screw, Machine - Fillster Head (#4-40 x 3/16")	21	142-0370	1	Nut and Jet, Nozzle
3			Fly, Choke	22	142-0046	1	Retainer, Main Adjusting Needle
	142-0055	1	Units with Sisson Choke	23	142-0206	1	**Packing, Main Adjusting Needle
	142-0037	1	Units with Electric Choke	24	142-0045	1	Retainer, Main Adjusting Needle Package
4	142-0205	1	Sleeve Assembly, Choke (Cover)	25	516-0027	1	Pin, Main Adjusting Needle
5			Shaft Assembly, Choke	26	142-0041	1	**Needle, Main Adjusting
	142-0217	1	Units with Sisson Choke	27		1	Body Assembly (Not Sold Separately)
	142-0183	1	Units with Electric Choke	28	505-0008	1	Plug, Gas Inlet
6	142-0039	1	**Shaft, Float	29	142-0042	1	Needle Assembly (Includes Packing, Nut and Retainer)
7	142-0031	1	*Gasket, Body to Bowl	30	142-0343	2	Bushing, Throttle Shaft
8	148-0017	2	*Gasket, (1) Float Valve Seat, (1) Main Adjusting Needle Retainer	31	870-0053	1	Nut, Hex (#10-32)
				32	813-0103	1	Screw, Machine - Round Head (#10-32 x 3/4")
9	142-0049	1	**Valve and Seat Assembly	33	141-0078	1	*Gasket, Carburetor Mounting
10	142-0032	1	*Gasket, Nozzle				
11	142-0285	1	Nozzle Assembly				
12	142-0361	1	Float and Lever Assembly				
13	145-0008	1	Lever, Throttle Stop				

* - Parts Included in Gasket Kit #142-0033.

** - Parts Included in Repair Kit #142-0371.

Exhaust System

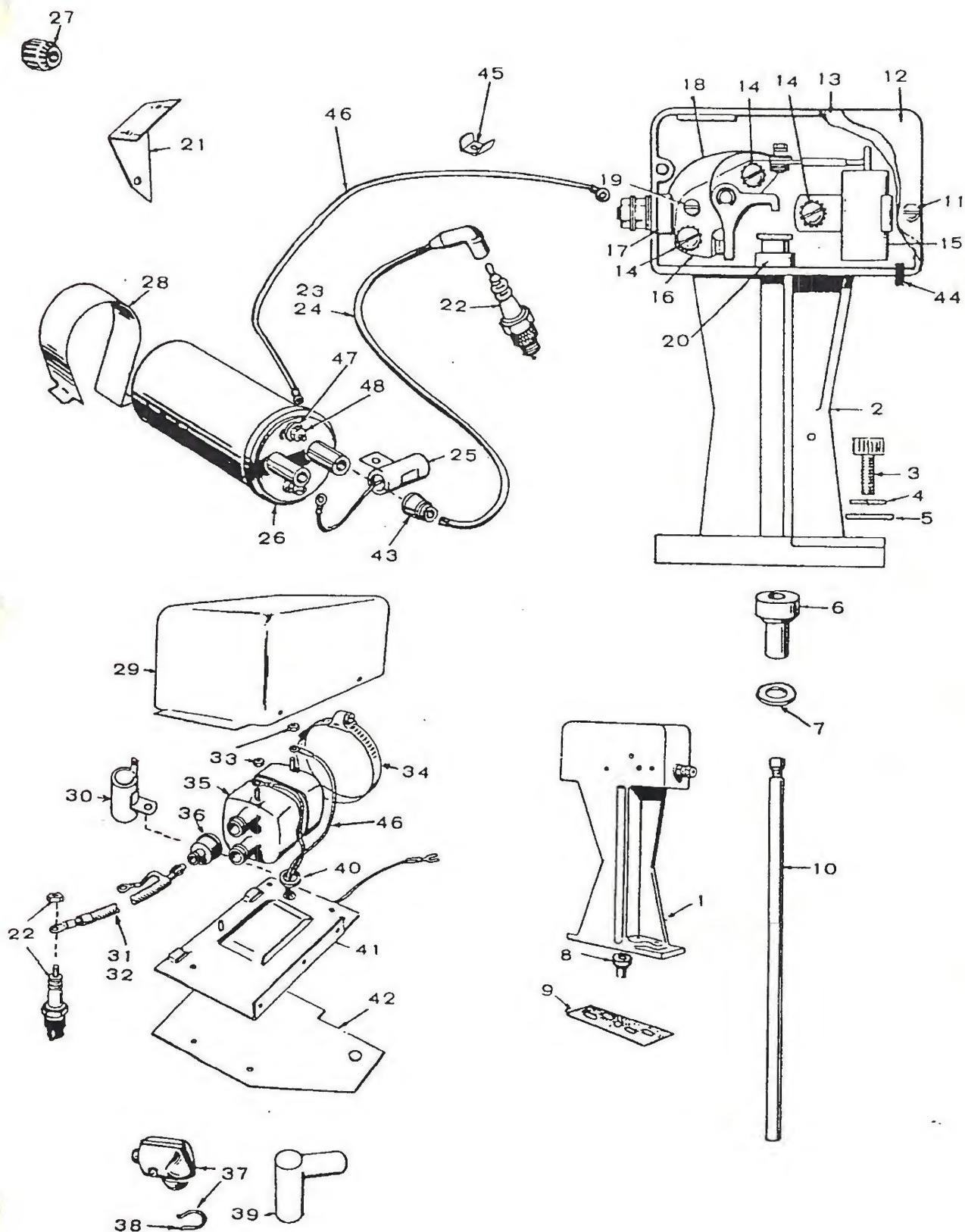


Exhaust System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	155-1665	1	Modification Kit, Exhaust System - Spec A through Q (Includes Parts Marked *)	15	S05-0041	1	Elbow, Pipe 1" NPT x 90°
1	155-1239	3	*Clamp, Muffler (1-5/8")	16	S05-0473	1	1-1/4" NPT x 1" NPT x 90°
2	155-1234	1	*Bracket, Hanger - Muffler	17	505-0479	1	Cap, Pipe - 1" NPT
3	155-1235	1	*Tube, Exhaust (1-1/2" x 19")	18	155-0714	1	Manifold/Muffler, Exhaust - Spec A through Q
4	155-1236	1	Tube, Exhaust - Curved (1-5/8" x 22")				Manifold, Exhaust - Left Hand Down
5	155-1240	1	Tube, Exhaust - Extension (1-5/8" x 15")	154-1522		1	* Spec R through T - With Choke Mounting Plate
6	154-1578	1	*Tube, Exhaust - Extension (1-5/8" x 18")	154-1841		1	Begin Spec U
7			Muffler/Spark Arrestor - Top Inlet	19			Manifold, Exhaust - Right Hand Down
	155-1258	1	21" Lg	154-1523		1	Spec R through T
	155-1520	1	*21.6" Lg	154-1840		1	Begin Spec U
8	155-1222	1	Muffler, Exhaust - Top Inlet	20	110-0445	2	*Nut, Hex (Special)
9	155-1254	1	Spark Arrestor	21	850-0045	2	*Washer, Lock - Spring (5/16")
10			Muffler, Exhaust	22	155-1380	1	*Shield, Exhaust Tube
	155-0076	1	16" Lg - 1" NPT	23			Cable, Battery
	155-0518	1	23" Lg - 1" NPT	416-0077		2	28" Lg
11	800-0028	4	*Screw, Cap - Hex Head (5/16-18 x 1")	416-0036		1	42-1/2" Lg
12	850-0045	4	*Washer, Lock - Spring (5/16")	416-0037		1	48-3/8" Lg
13	154-0360	2	*Gasket, Exhaust Manifold	24	416-0004	1	Cable, Jumper - Battery
14	505-0030	1	Coupling, Pipe - 1" NPT				

* - Parts Included in Muffler Replacement Kit 155-1665.

Ignition System



Ignition System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	160-0963	1	Box Assembly, Breaker - Spec A through Q (Includes Parts Marked *) - NOTE: For Complete Replacement Order #160-1135 Box Assembly	27	166-0604	2	Cap, Coil (Part of 166-0535 Coil used on Early Spec R Models)
2	160-1135	1	Box Assembly, Breaker - Begin Spec R (Includes Parts Marked *)	28	166-0588	1	Clamp, Coil - Begin Spec R
3	802-0035	2	*+Screw, Cap - Socket Head (1/4-20 x 7/8")	29	166-0385	1	Cover, Coil - Spec A through Q
4	850-0040	2	*+Washer, Lock - Spring (1/4")	30	312-0162	1	Capacitor (Noise Suppression) Spec A through Q
5	526-0214	2	*+Washer, Flat (17/64" ID x 1/2" OD x 1/16" Thk)	31	167-1467	1	Cable, Spark Plug - Left Side - Spec A through Q (13" Lg)
6	160-1041	1	+Bushing, Breaker Box - Begin Spec R	32	167-1468	1	Cable, Spark Plug - Right Side - Spec A through Q (21-1/2" Lg)
7	160-1040	1	+Gasket, "O" Ring - Begin Spec R	33	870-0053	2	Nut, Hex (#10-32) - Spec A through Q
8	160-0929	1	*Bushing, Breaker Box - Spec A through Q	34	503-0514	1	Clamp, Coil - Spec A through Q
9	160-0043	1	*Gasket - Spec A through Q	35	166-0346	1	Coil, Ignition - Spec A through Q
10	160-0723	1	*+Plunger	36	160-0558	2	Nipple, Rubber - Ignition Coil
11	812-0077	2	*+Screw, Machine - Round Head (#8-32 x 3/8")	37	167-0067	2	Shield, Spark Plug - Spec A through Q (Includes Clamp)
12	160-0930	1	+*Cover, Breaker Box	38	167-0064	2	Clamp, Spark Plug Shield - Spec A through Q
13	160-0150	1	*+Gasket, Breaker Box Cover	39	166-0250	2	Cover, Spark Plug - Spec A through Q - Optional
14	815-0285	3	*+Screw, Machine - Round Head with External Tooth Lock-washer (#8-32 x 5/16")	40	508-0114	1	Grommet, Rubber - Spec A through Q
15	312-0069 ✓	1	*+Capacitor, Ignition (.3 Microfarad)	41	166-0383	1	Bracket, Mounting - Coil - Spec A through Q
16	160-0002 ✓	1	*+Point Set, Ignition	42	166-0466	1	Adapter, Plate - Coil Mounting - Spec A through Q
17	160-0349	1	*+Terminal Block	43	160-0558	2	Nipple, Spark Plug Cable
18	160-0428	1	*+Strap - Point Set to Terminal Block	44	160-0261	1	†Wick, Breaker Box
19	160-0075	1	*+Pivot, Point Set	45	332-0319	1	†Block, Terminal Mounting
20	160-0931	1	*+Guide, Plunger	46	166-0702	1	Lead, Coil to Breaker Box (Kit) (Includes Parts Marked †)
21	166-0519	1	Bracket, Timing - Begin Spec N	47	850-2005	2	†Washer, Lock (Metric)
22			Plug, Spark	48	166-0554	2	†Nut, Hex (Metric)
	167-0241 ✓	2	Non Resistor Type	160-0836	1	Ignition Tune-Up Kit (Includes Parts Marked *)	
	167-0237 ✓	2	Resistor Type	49	166-0614	2	Bushing, Rubber (Inside Cap 166-0604)
23	167-1596	1	Cable, Spark Plug - Left Side - Begin Spec R (7-1/2" Lg)				
24	167-1595	1	Cable, Spark Plug - Right Side - Begin Spec R (14-1/2" Lg)				
25	312-0027	1	Capacitor (Noise Suppression) - Begin Spec R				
26	166-0643	1	Coil, Ignition - Begin Spec R Late Model Units having Coil Cables with Rubber Nipples				
	166-0648	1	Units having Coil with Knurled Nuts for Cables (Includes 166-0643 Coil, Nipples and Terminal)				

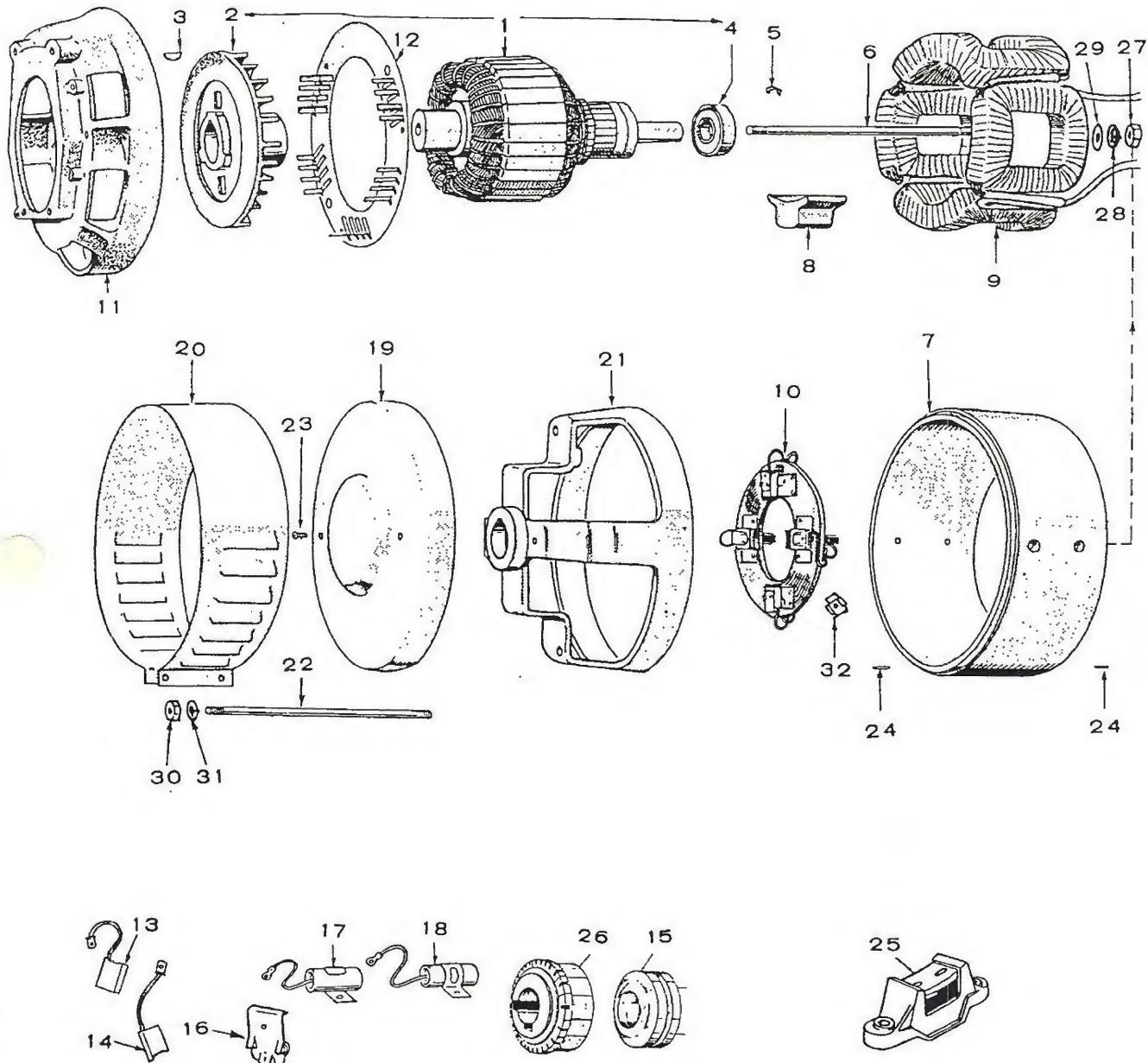
* - Parts Included in 160-0963 Breaker Box Assembly.

+ - Parts Included in 160-1135 Breaker Box Assembly.

† - Parts Included in 166-0702 Lead Assembly.

• - Parts Included in 160-0836 Ignition Tune-Up Kit.

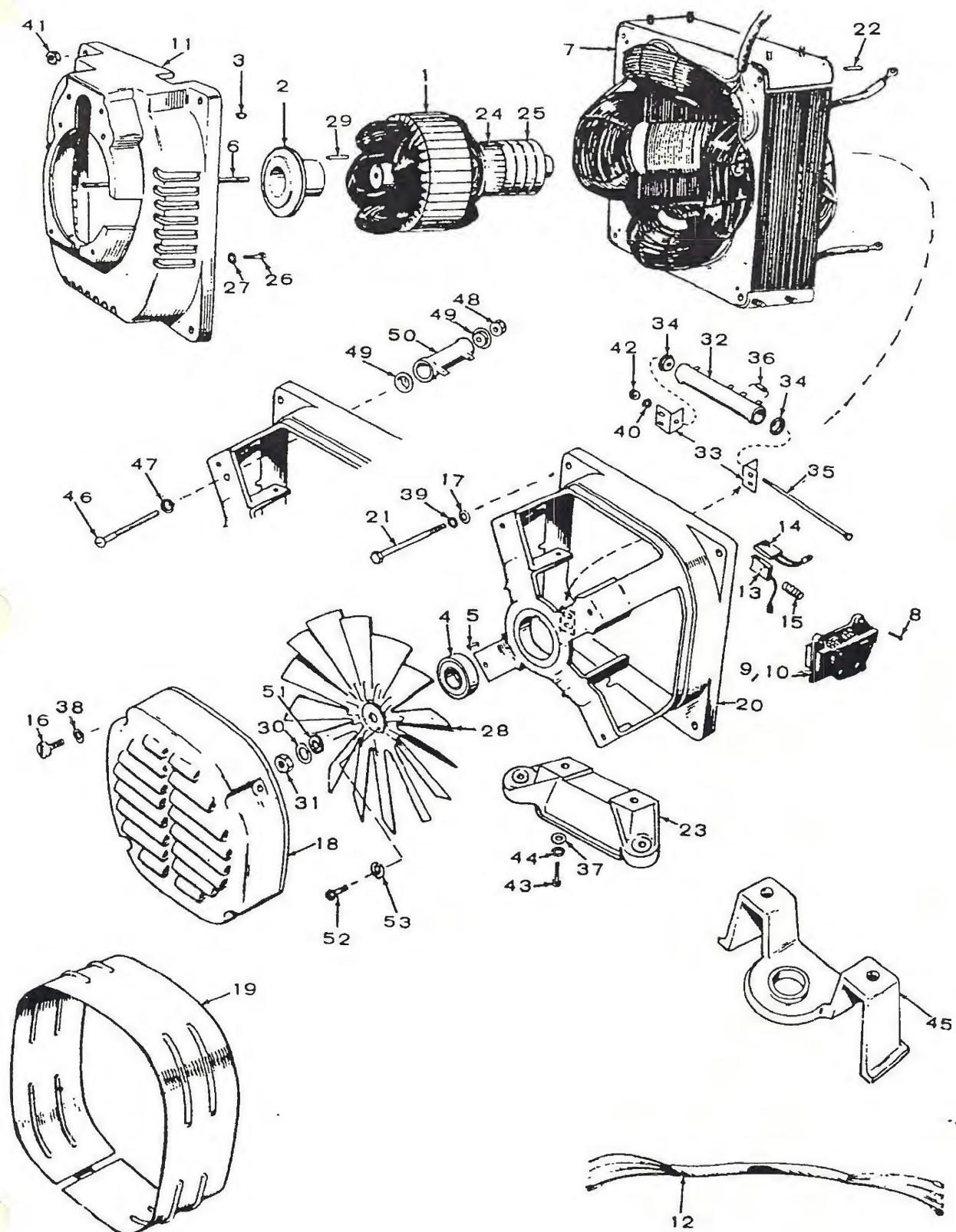
Generator
Spec A through Q



**Generator
Spec A through Q**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION	
1			Rotor (Includes Parts Marked *)		214-0056	4	Key 2	
			Key 1		214-0056	3	120 Volt or 120/240 Volt (Reconnectible)	
201-0759	1		120 Volt		214-0056	3	120/240 Volt (Non-Reconnectible)	
201-0704	1		120/240 Volt (Non-Reconnectible)	15	204-0009	1	Collector Ring (AC) 120 Volt	
201-1099	1		120/240 Volt (Reconnectible)	204-0010	1	120/240 Volt (Non-Reconnectible)		
			Key 2		204-0092	1	120/240 Volt (Reconnectible)	
201-0758	1		120 Volt		212-1105	4	Spring, Brush Commutator	
201-0705	1		120/240 Volt (Non-Reconnectible)	16	212-1105	4	Collector Ring, 120 Volt or 120/240 Volt (Reconnectible)	
201-1098	1		120/240 Volt (Reconnectible)		212-1105	3	Collector Ring, 120/240 Volt (Non-Reconnectible)	
2	205-0053	1	*Blower, Generator		212-1105	3	Condenser (.5 Mfd.) DC	
3	515-0006	1	*Key, Blower to Crankshaft	17	312-0017	1	120 Volt	
4	510-0047	1	*Bearing (Ball) - Armature		312-0027	1	120/240 Volt (Reconnectible and Non-Reconnectible)	
5	232-0596	1	Clip, Bearing Stop Stud		18	312-0058	Condenser (.1 Mfd.) AC	
6			Key 1		312-0058	1	120 Volt	
			120 Volt (7/16 x 14-1/2")		312-0058	2	120/240 Volt (Non-Reconnectible)	
			120/240 Volt (Reconnectible & Non-Reconnectible) - (7/16 x 15-7/8")		312-0058	3	120/240 Volt (Reconnectible)	
			Key 2	19	211-0099	1	Cover, End Bell	
			120 Volt (7/16 x 17-3/4")	20	234-0002	1	Band, End Bell	
			120/240 Volt (Reconnectible & Non-Reconnectible) - 7/16 x 19-1/2"		234-0005	1	120 Volt	
7			Frame Only, Generator (Machined and Drilled, Less Coils and Pole Shoes)	21	211-0097	1	120/240 Volt (Reconnectible and Non-Reconnectible)	
	210-0244	1	Key 1	211-0098	1	Bell, End		
	210-0238	1	Key 2		211-0097	1	120 Volt	
8			Shoe, Pole, Field	22	520-0502	2	120/240 Volt (Reconnectible and Non-Reconnectible)	
	221-0091	4	Key 1 (4-1/2")		520-0498	2	Stud, Generator Through Key 1 (5/16 x 12-3/16")	
	221-0090	4	Key 2 (7-1/2")		23	815-0048	2	Key 2 (5/16 x 15-11/16")
9			Coil Assembly, Field (Set of 4 Coils)				Screw, Tapping - Round Head (#10-32 x 3/8") - End Bell	
	222-1435	1	Key 1				Cover Mounting	
	222-1416	1	Key 2	24	516-0103	2	Pin (Roll), Generator Frame - 1/8 x 1/2"	
10			Rig Assembly, Brush		25	232-1798	1	Support, Generator
			Key 1		26	203-0009	*Commutator (DC)	
	212-0294	1	120 Volt		203-0127	1	Key 1	
	212-0295	1	120/240 Volt (Non-Reconnectible)		27	862-0004	Key 2	
	212-0298	1	120/240 Volt (Reconnectible)		28	850-0055	1	Nut, Hex (7/16-14) - Armature Stud
			Key 2		29	526-0032	1	Washer, Lock (7/16")
	212-0293	1	120 Volt		30	862-0015	1	Washer, Flat (29/64" ID x 7/8" OD x 1/16" Thk)
	212-0295	1	120/240 Volt (Non-Reconnectible)		31	850-0045	2	Nut, Hex (5/16-18) - Generator through Stud
	212-0298	1	120/240 Volt (Reconnectible)		32	212-1214	4	Washer, Lock (5/16)
11	231-1006	1	Adapter, Generator to Engine				Clamp, Brush Rig	
12	232-1256	1	Scroll, Air Baffle					
13	214-0061	4	Brush, Commutator					
14			Brush, Collector Ring					
			Key 1				* - Parts Included in Rotor Assembly.	
	214-0050	4	120 Volt					
	214-0056	4	120/240 Volt (Reconnectible)					
	214-0056	3	120/240 Volt (Non-Reconnectible)					

Generator
Begin Spec R

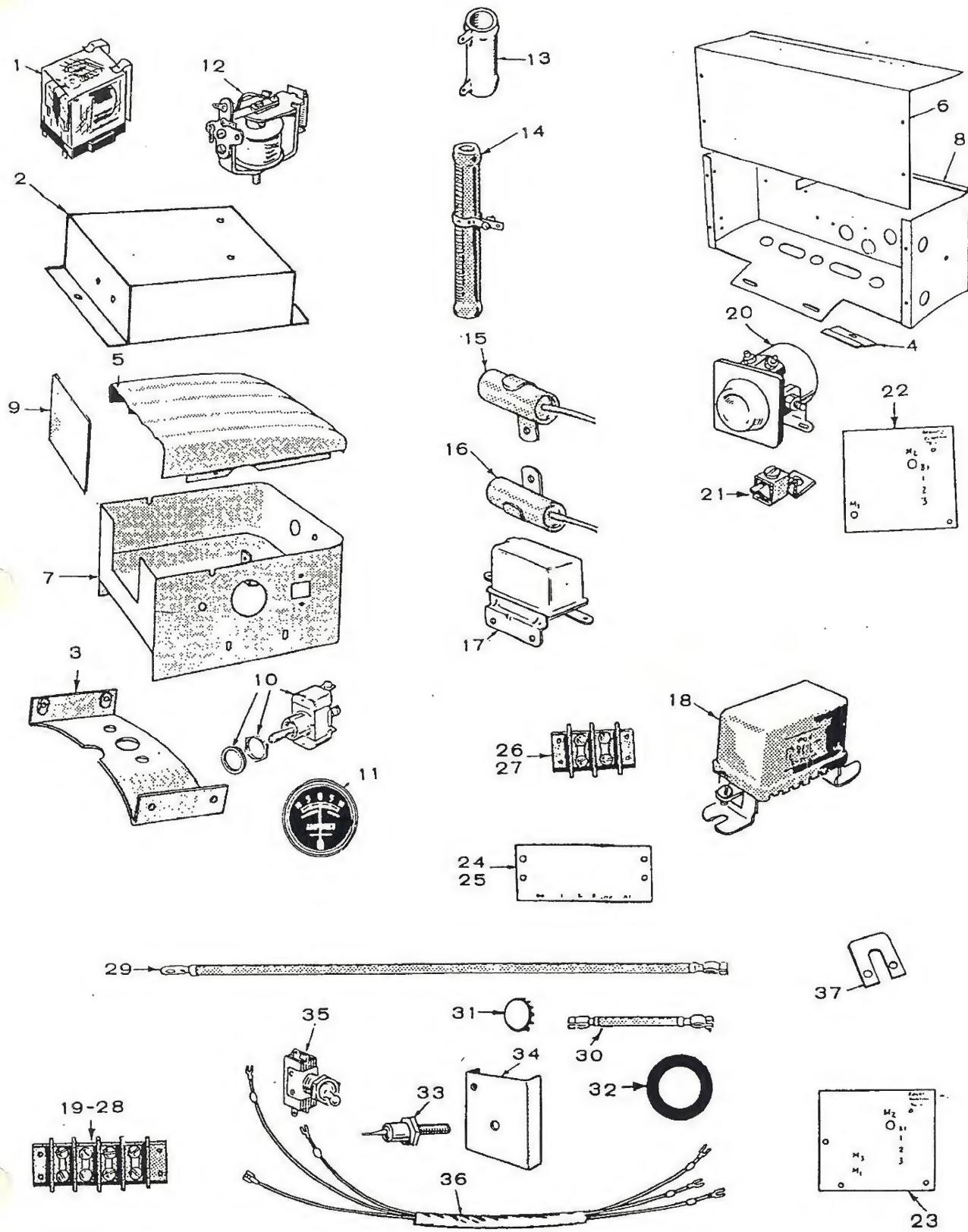


**Generator
Begin Spec R**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Rotor Assembly, Wound (Includes Parts Marked *)	23	232-2321	1	Support, Generator - Spec R
			50 Hertz Sets	24			through T
			Key 1	203-0153	1	*Commutator	
	201-2323	1	Spec R through T	203-0152	1	Key 1	
	201-2505	1	Begin Spec U (120/240 V)	25	204-0110	1	Key 2
	201-2511	1	Begin Spec U (110/220 V)	26	800-0051	4	*Collector Ring
			60 Hertz Sets				Screw, Cap - Hex Head
			Key 1	27	850-0050	4	(3/8-16 x 1-1/4")
	201-1907	1	Spec R through T	28		1	Washer, Lock - Spring (3/8")
	201-2627	1	Begin Spec U	205-0090		1	Fan, Generator
			Key 2			1	Used on Sets Without
	201-1903	1	Spec R through T	205-0116		1	Extended Rotor Shaft
	201-1903	1	Spec U Prior to Serial			1	Used on Sets With Extended
			#H760159789	29	515-0006	1	Rotor Shaft
	201-2503	1	Spec U Begin Serial			1	Key, Drive Hub - Spec R
			#H760159789	30	850-0055	1	through T only
			Rotor with Extended Shaft	31	870-0203	1	Washer, Lock - Spring (7/16")
				32	353-0047	1	Nut, Hex (Special)
	201-1964	1	4.0 CCK-3CR - Spec R			1	Resistor, Tapped - Spec R
	201-2524	1	4.0 CCK-3CR - Begin Spec U	33	304-0706	2	through T
2	232-2316	1	Hub, Drive - Spec R through T			2	Bracket, Resistor Mounting -
			only	34	304-0015	2	Spec R through T
3	515-0006	1	Key, Rotor to Crankshaft			2	Washer, Resistor Centering -
4	510-0047	1	*Bearing (Ball), Rotor	35	812-0118	1	Spec R through T
5	232-0596	1	Clip, Bearing Stop			1	Screw, Machine - Round Head
6			Stud, Armature Through			1	(#10-24 x 5") - Spec R
	520-0732	1	Key 1 (7/16-14 x 7/16-20	36	357-0017	1	through T
			x 14")			1	Rectifier (3 Amp) - Spec R
	520-0733	1	Key 2 (7/16-14 x 7/16-20	37	526-0030	2	through T
			x 17-1/8")			2	Washer, Flat (13/32" ID x
7			Stator Assembly, Wound	38	850-0040	2	7/8" OD x 1/8" Thk)
	220-1818	1	Key 1			2	Washer, Lock - Spring (1/4")
	220-1816	1	Key 2, Spec R through T	39	850-0045	4	(Extended Shaft Sets use 4)
	220-1821	1	Key 2, Begin Spec U	40	850-0050	1	Washer, Lock - Spring (5/16")
8	815-0359	15	Screw, Tapping - Hex Washer			1	Washer, Lock - Spring (#10) -
			Head (#10-32 x 7/8")	41	862-0015	4	Spec R through T
9	212-0359	2	Block, Generator Brush -	42	860-0011	1	Nut, Hex (5/16-18)
			Bottom and Right Side			1	Nut, Hex (#10-24) - Spec R
			Positions	43	800-0051	2	through T
10	212-0360	2	Block, Generator Brush - Top			2	Screw, Cap - Hex Head
			and Left Side Positions	44	850-0050	2	(3/8-16 x 1-1/4")
11	231-0164	1	Adapter, Generator to Engine	45	232-2619	1	Washer, Lock - Spring (3/8")
			(Includes 4 Alignment Pins)			1	Support, Generator - Begin
12			Harness, Wiring	46	812-0091	1	Spec U
	338-0642	1	Spec R through T			1	Screw, Machine - Round Head
	338-0945	1	Key 1 - Begin Spec U			1	(#8-32 x 2-1/2") - Begin
	338-0946	1	Key 2 - Begin Spec U	47	850-0025	1	Spec U
13	214-0095	4	Brush, Commutator			1	Washer, Lock - Spring (#8) -
14	214-0096	8	Brush, Collector Ring	48	860-0008	1	Begin Spec U
15	212-1232	12	Spring, Brush			1	Nut, Hex (#8-32) - Begin
16	812-0156	2	Screw, Machine - Round Head	49	304-0014	2	Spec U
			(1/4-20 x 1-1/4") (Extended			2	Washer, Centering - Resistor -
			Shaft Gen Sets Use 4)	50		1	Begin Spec U
17	526-0115	4	Washer, Flat (11/32" ID x			1	Resistor, Fixed, Wire Wound -
			11/16" OD x 1/16" Thk)	353-0057		1	Begin Spec U
18			Cover Assembly, Generator Fan	353-0060		1	Key 1 - 3.4 Ohm, 25 Watt
	232-2107	1	Used on Sets Without	51	526-0032	1	Key 2 - 7.5 Ohm, 25 Watt
			Extended Rotor Shaft			1	Washer, Flat (Use with
	232-2827	1	Used on Sets With Extended			1	520-0781 Stud) (29/64" ID x
			Rotor Shaft	52	804-0016	4	7/8" OD x 1/16" Thk)
19	234-0362	1	Wrapper, End Bell			4	Screw, Allen Head - Machine
20	211-0187	1	Bell, End	53	850-0030	4	(Use with 205-0116 Generator
			Screw, Cap - Hex Head			4	Fan) (#10-32 x 3/8")
	800-0043	4	Key 1 (5/16-18 x 5")	54	516-0196	4	Washer, Lock (Use with
	800-0044	4	Key 2 (5/16-18 x 7-1/2")			4	205-0116 Generator Fan (#10)
	520-0781	4	Sets with Extended Rotor			4	Pin, Alignment
22	516-0182	8	Shaft (7/16 x 17-7/8")				
			Pin, Straight, Headless				

* - Parts Included in Rotor Assembly.

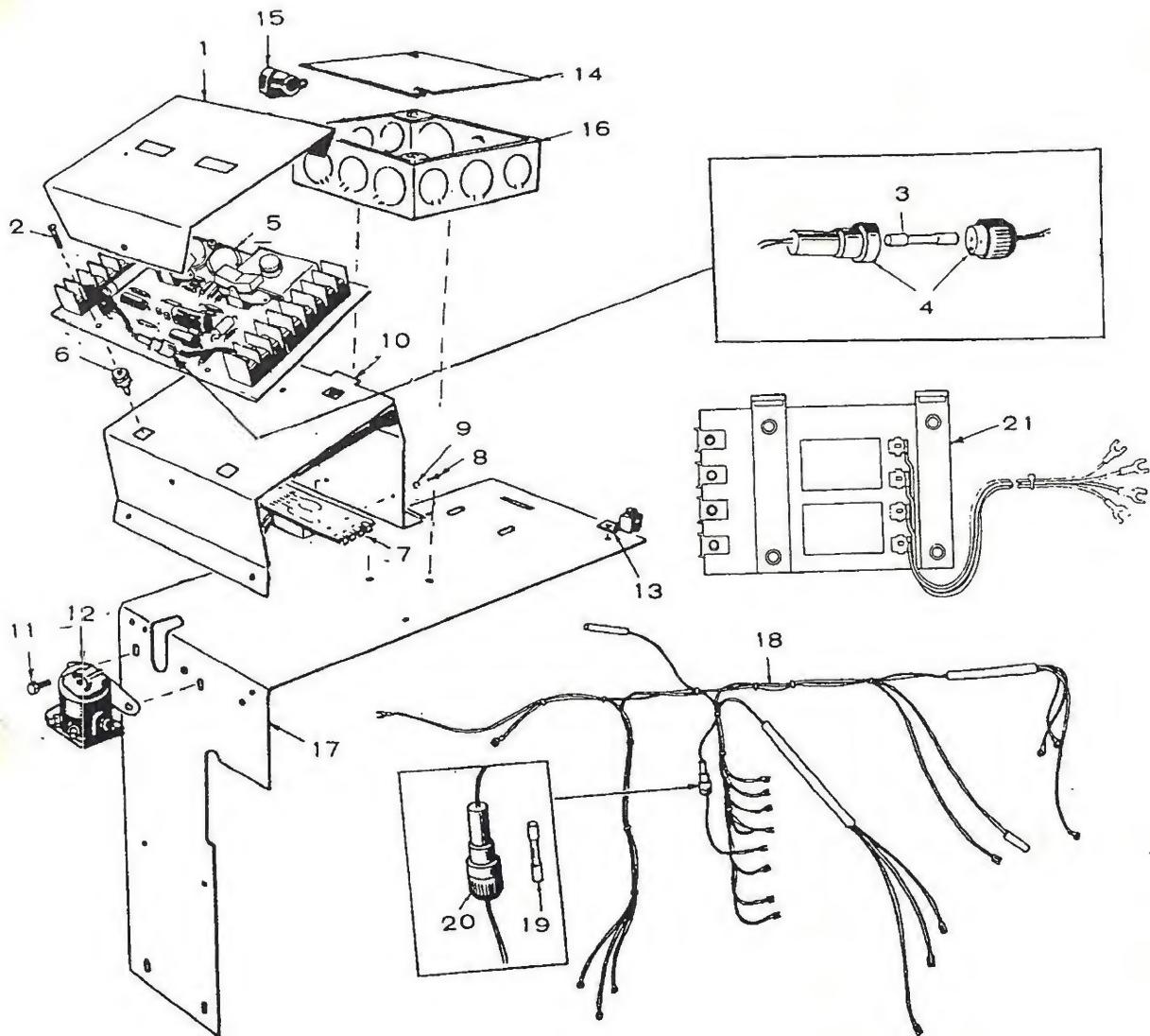
Control
Spec A through Q



Control
Spec A through Q

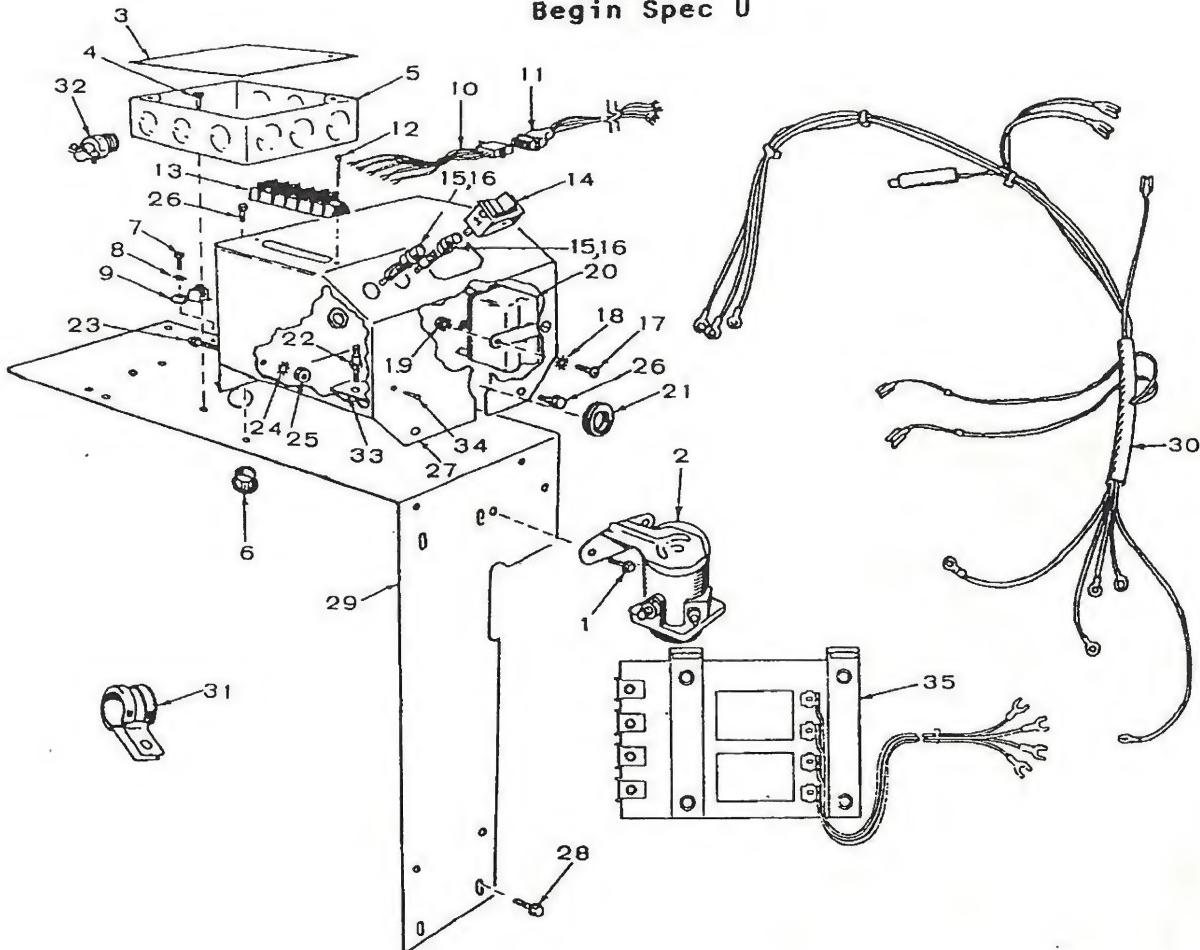
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-0642	1	Relay, Choke - Spec A through M	19	332-0537	1	Block, Terminal - Remote Control
2	301-2722	1	Relay and Terminal Block - Spec A through M	20	307-1046	1	Solenoid, Start Spec A through M
			Bracket, Control Mounting		307-0845	1	Spec N through Q
3	301-1198	1	Spec A through M	21	332-0142	1	Terminal, Solderless
4	301-3227	1	Spec N through Q				Strip, Marker (Load Terminal) - Spec A through M
			Cover, Control Box	22	332-0540	1	120 Volt
5	301-1244	1	Spec A through M			1	120/240 Volt
6	301-3102	1	Spec N through Q	23	332-0539	1	(Non-Reconnectible)
			Box, Control	24	332-0435	1	120/240 Volt (Reconnectible)
7	301-2723	1	Spec A through M			1	Strip, Marker (Remote)
8	301-3228	1	Spec N through Q	25	332-0763	1	120/240 Volt (Reconnectible) - Spec A through M
9	301-1271	1	Plate, Control Box End - Spec A through M			1	All - Spec N through Q
10	308-0154	1	Switch, Start-Stop	26	332-0566	1	Block, Terminal (2 Place) - Spec A through M
11	302-1360	1	Ammeter, Charge - Spec A through M (Includes Mounting Hardware)	27	332-0609	1	Block, Terminal (Load) - 120/240 Volt (Non-Reconnectible) - Spec A through M
12	307-0253	1	Relay, Stop			1	Block, Terminal (Load) - 120/240 Volt (Reconnectible) - Spec A through M
13			Resistor, Fixed	28	332-0254	1	- Spec A through M
	304-0251	1	30-Ohm, 5 Watt			1	Cable, Battery (28")
	304-0344	1	1-Ohm, 24 Watt			1	Cable, Battery Jumper
	304-0060	1	1.72 Ohm, 25 Watt			1	Plug, Dot Button (1/2") - Spec A through M
14	304-0175	1	Resistor, Adjustable (1-Ohm)	29	416-0077	2	Spec A through M
15			Condenser (0.1 Mfd), Load	30	416-0004	1	Grommet, Rubber - Spec N through Q
			Terminal Suppression - Spec A through M	31	517-0019	1	Rectifier - Spec N through Q
	312-0058	1	120 Volt	32	508-0001	1	Sink, Heat (Rectifier Mounting Bracket) - Spec N through Q
	312-0058	2	120/240 Volt (Non-Reconnectible)			1	Switch, Toggle (Manual-Electric Start) - Spec N through Q
	312-0058	3	120/240 Volt (Reconnectible)	33	305-0235	1	Harness, Wiring - Spec N through Q
16	312-0057	1	Condenser (1 Mfd) - Start	34	305-0254	1	Jumper, Load Terminal Block - 120/240 Volt (Reconnectible) - Spec A through M
			Solenoid Suppression	35	308-0002		
17			Regulator, Voltage (Charge Circuit)				
	305-0001	1	Spec A through M	36	338-0526		
	305-0383	1	Spec N through Q				
18	307-0180	1	Relay, Reverse Current - Spec A through M	37	332-0439	2	

Control
Spec R through T



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION	
1	301-3484	1	Cover, Control	11	821-0009	2	Screw, Tapping - Hex Washer Head (1/4-20 x 3/8")	
2	815-0365	4	Screw, Tapping - Round Head (#8-32 x 3/4")	12	307-1166	1	Solenoid, Start	
3	321-0194	1	Fuse (9 Amp, 32 Volt)	13	332-0142	1	Terminal, Lug	
4	321-0210	1	Fuseholder	14	330-0006	1	Cover, Outlet Box	
5			Control, Replacement Kit	15	508-0179	1	Strain Relief - Cable	
6	300-2026	1	Models Equipped with Onan Choke	16	330-0028	1	Box, Outlet	
7	300-2027	1	Models Equipped with Sisson Choke	17	301-3483	1	Bracket, Control Assembly Mounting	
8	870-0263	4	Nut, Insulator (#8)	18			Harness, Wiring (Includes Fuseholder Assembly)	
9	300-1227	1	Control, Disconnect Adapter - Begin Serial #0675954985 During Spec R	338-0640		1	Sets with Sisson Choke	
10	812-0077	2	Screw, Machine - Round Head (#8-32 x 3/8")	338-0691		1	Sets with Electric Choke	
	853-0005	2	Washer, Lock - External Tooth (#8)	19	321-0194	1	Fuse (9 Amp, 32 Volt)	
	10	301-3481	1	Bracket, Control Mounting	20	321-0193	1	Holder Assembly, Fuse (Includes Fuse)
				21	300-0935	1	Adapter, Start Control (4 to 3 Wire) - Optional	

Control
Begin Spec U



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0009	2	Screw, Self-Locking - Hex Head (1/4-20 x 3/8")	20	307-1575	1	*Relay, Armature - SPST (8 Amp, 12 Volt)
2	307-1498	1	Relay, Solenoid	21	508-0008	1	Grommet, Rubber
3	330-0006	1	Cover, Outlet Box	22	305-0235	1	*Diode, Rectifier (500 PIV, 22 Amp)
4	815-0350	2	Screw, Tapping - Hex Head (#10-32 x 3/8")	23	812-0148	1	Screw, Machine - Round Head (1/4-20 x 1/2")
5	330-0028	1	Box, Outlet	24	853-0013	1	Washer, Lock - External Tooth (1/4")
6	508-0191	1	Grommet, Nylon	25	862-0001	1	Nut, Hex (1/4-20)
7	821-0010	1	Screw, Self-Locking - Hex Head (1/4-20 x 1/2")	26	815-0350	4	Screw, Tapping - Hex Head (#10-32 x 3/8")
8	856-0006	1	Washer, Lock - External/ Internal Tooth (1/4")	27	301-4038	1	Control Box
9	332-0142	1	Terminal, Lug - Solderless	28	821-0010	6	Screw, Self-Locking - Hex Washer Head (1/4-20 x 7/8")
10	338-0958	1	Harness, Wiring - Optional (Remote Control)	29	301-4039	1	Bracket, Mounting - Control
11			Harness, Wiring - Remote Control (Optional)	30	338-1132	1	Harness, Wiring - Control (Includes Parts Marked *)
	338-0959	1	10 Ft. Lg	31	332-1876	1	Clamp, Cable Optional
	338-0960	1	30 Ft. Lg	32	508-0179	1	Clamp, Cable, Strain Relief
12	815-0388	2	Screw, Tapping - Pan Head (#6-32 x 1/2")	33	370-1002	1	Plate, Rectifier Mounting
13	332-1918	1	Terminal Strip	34	815-0438	3	Screw, Tapping - Round Head Rectifier Plate Mounting (#8 x 1/4" lg)
14	308-0383	1	Switch, Push - SPDT	35	300-0935	1	Adapter, Start Control (4 to 3 Wire) - Optional
15	321-0174	2	Fuse, Cartridge	36	332-1445	12	*Tie, Cable
16	321-0175	2	Fuseholder				
17	822-0032	2	Screw, Machine - Pan Head (#6-32 x 1/2")				
18	853-0003	2	Washer, Lock - External Tooth (#6)				
19	870-0183	2	Nut, Hex with External Tooth Lockwasher (#6-32)				

* - Parts Included in 338-1132 Wiring Harness.

Service Kits and Miscellaneous

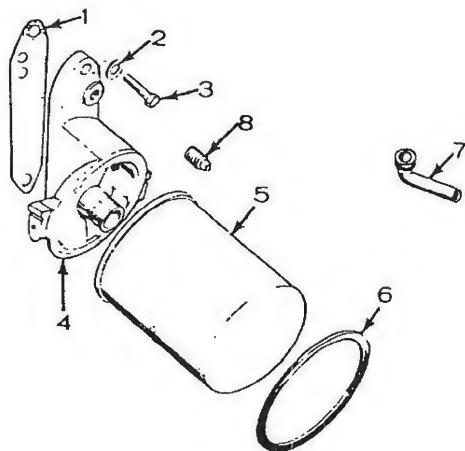
PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-1100	1	Decal Kit				Paint, Touch-Up (Pressurized Can)
168-0103	1	Gasket Kit, Engine (Replaces #168-0067)		525-0137	1	Metallic Green (16 oz.)
168-0095	1	Gasket Kit, Carbon Removal		525-0305	1	Non-Metallic Green (13 oz.)
412-0032	1	Cover, Canvas				

NOTE: For other kits, refer to the Group for the
Part in question.

OPTIONAL PARTS SECTION

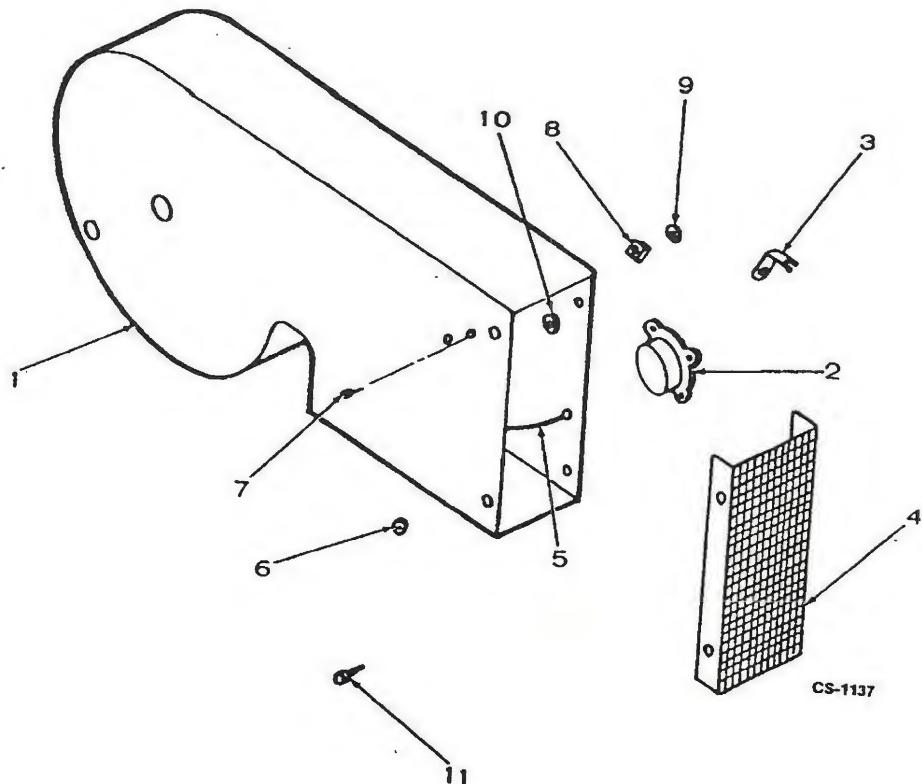
This section contains illustrated parts listing of factory installed options. Options may not be applicable to all models; for field conversions additional parts are usually required.

**Optional
Spin-On Filter**



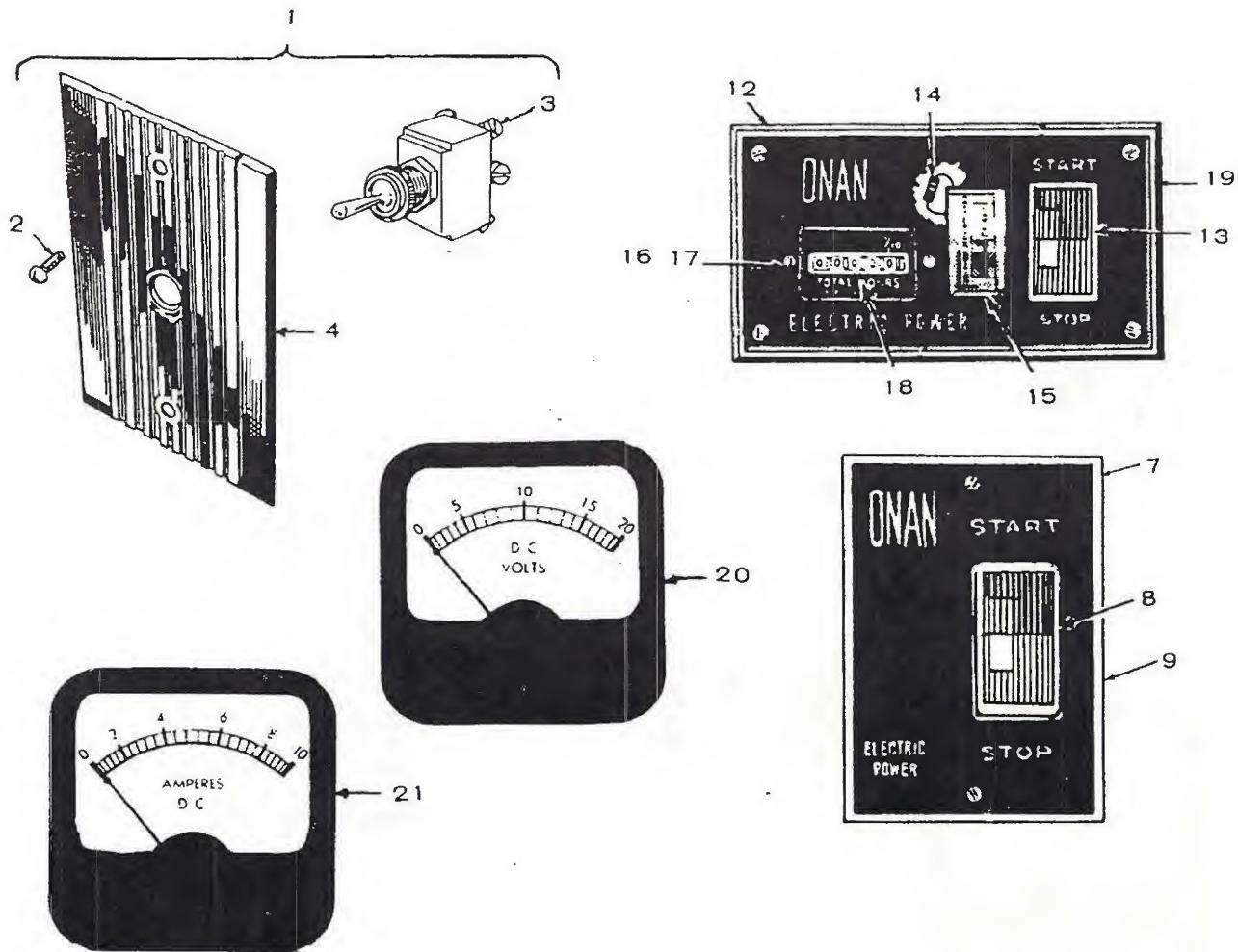
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1 122-0321	1	1	Gasket, Filter Adapter	4 122-0320	1	1	Adapter, Filter
2 526-0065	2	2	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)	5 122-0323	1	1	Filter, Spin-On
3 800-0028	2	2	Screw, Cap - Hex Head (5/16-18 x 1")	6 122-0347	1	1	Seal, Air
				7 122-0345	1	1	Tube, Oil Drain
				8 505-0057	1	1	Plug, Adapter Outlet (1/8")

**Optional
Scroll and High Temperature Switch**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-2194	1	Scroll Assembly (Includes Parts Marked *)	8	861-0005	2	*Nut, Square (#6-32)
2	309-0002	1	*Switch Assembly - High Temperature Cut-Off (Includes Parts Marked *)	9	856-0001	2	*Washer, Lock (EIT #6)
3	160-0144	1	**Strap, Ground	10	508-0056	2	*Washer, Fiber (7/32" ID x 3/8" OD x 5/64" Thk)
4	134-2956	1	*Guard, Scroll Outlet	11	815-0421	4	*Screw, Hex Head w/ET Washer (#10-16 x 1/2")
5	336-1252	1	*Lead Assembly				* - Parts Included in 134-2194 Scroll Assembly.
6	508-0031	1	*Grommet, Rubber (1/2" OD)				** - Parts Included in 309-0002 Switch Assembly.
7	812-0061	2	*Screw, Round Head - Machine (#6-32 x 3/8")				

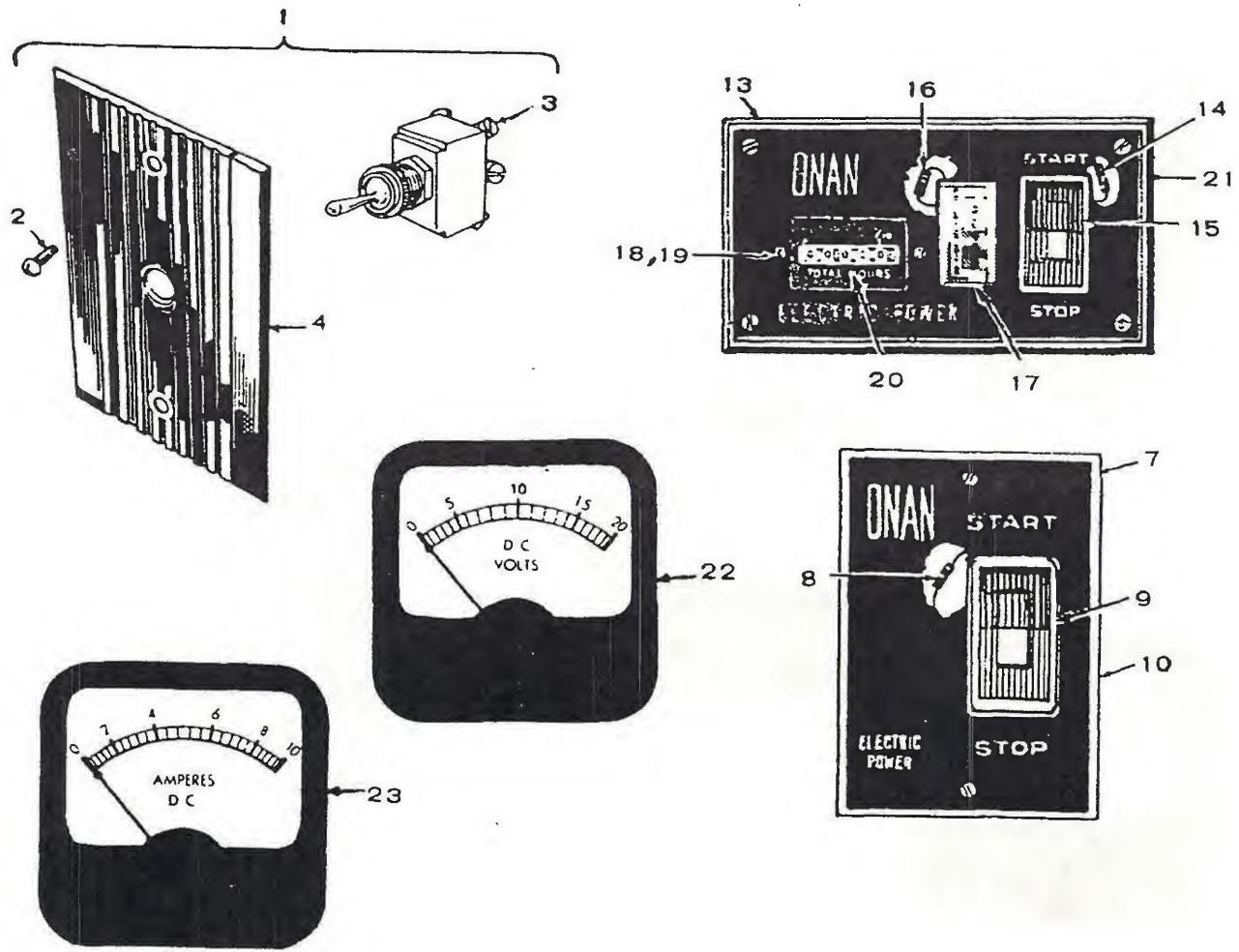
**Optional
Remote Start Control - Spec A through Q
and Begin Spec U
(Used with Three Wire Circuits Only)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0165	1	Control Package - Remote Starting (Includes Parts Marked *)	13	308-0341	1	\$Switch, Push - DPDT (Momentary) With Integral 12 Volt Lamp
2	815-0385	2	*Screw, Machine - Round Head, Black Zinc Finish (#6-32 x 1/2")	14	359-0034	1	\$Diode
3	308-0154	1	*Switch, Toggle - SPDT	15	302-0888	1	\$Meter, Battery Condition
4	308-0168	1	*Plate, Mounting	16	815-0385	2	\$Screw, Machine - Round Head, Black Zinc Finish (#6-32 x 1/2")
7	300-0985	1	Control Assembly, Remote Starting - Standard (Includes Parts Marked *)	17	860-0005	2	\$Nut, Hex (#6-32)
8	308-0341	1	+Switch, Push - DPDT (Momentary) With Integral 12 Volt Lamp	18	302-0885	1	\$Meter, Time Totalizing
9	301-3566	1	+Panel, Control	19	301-3606	1	\$Panel, Control
12	300-2314	1	Control Assembly, Remote Starting - Deluxe (Includes Parts Marked \$)	20	302-0562	1	Voltmeter, DC (0-20)
				21	302-0561	1	Ammeter, DC (0-10)

* - Parts Included in Control Package 308-0165.
 + - Parts Included in Control Assembly 300-0985.
 \$ - Parts Included in Control Assembly 300-2314.

Optional
Remote Start Control - Spec R through T
(Used With Solid State Control,
Four Wire Circuits Only)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0331	1	Control Package - Remote Starting (Includes Parts Marked *)	14	357-0004	1	Rectifier
				15	308-0330	1	\$Switch, Push - DPDT (Momentary) With Integral 24 Volt Lamp
2	815-0385	2	*Screw, Machine - Round Head, Black Zinc Finish (#6-32 x 1/2")	16	359-0034	1	\$Diode
				17	302-0888	1	\$Meter, Battery Condition
3	308-0329	1	*Switch, Toggle - DPDT	18	815-0385	2	\$Screw, Machine - Round Head, Black Zinc Finish
4	308-0168	1	*Plate, Mounting				(#6-32 x 1/2")
7	300-0942	1	Control Assembly, Remote Starting - Standard (Includes Parts Marked *)	19	860-0005	2	\$Nut, Hex (#6-32)
				20	302-0885	1	\$Meter, Time Totalizing
8	357-0004	1	+Rectifier	21	301-3606	1	\$Panel, Control
9	308-0330	1	+Switch, Push - DPDT (Momentary) With Integral 24 Volt Lamp	22	302-0562	1	Voltmeter, DC (0-20)
10	301-3566	1	+Panel, Control	23	302-0561	1	Ammeter, DC (0-10)
13	300-0943	1	Control Assembly, Remote Starting - Deluxe (Includes Parts Marked \$)				
				*			- Parts Included in Control Package 308-0331.
				+			- Parts Included in Control Assembly 300-0942.
				\$			- Parts Included in Control Assembly 300-0943.

* - Parts Included in Control Package 308-0331.
+ - Parts Included in Control Assembly 308-0342.

+ - Parts Included in Control Assembly 300-0942.
S - Parts Included in Control Assembly 300-0943.

§ - Parts Included in Control Assembly 300-0943.

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